CAZON EV 665

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AIR QUALITY MONITORING REPORTS 1976

Volume 2,

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MONITORING STATION





Ministry of the

Environment

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K. H. Sharpe, Deputy Minister Copyright Provisions and Restrictions on Copying:

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UNITS - 0.01 PARTS/MILLION

	STA	TION	- SW	NO	12008	4	67 UN	IVERS	ITY	AV WES	ST F2	WIND	SOR			MON.	TH -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 1 3 7 4 2 10	1 1 2 18 13 9 2 12 2	2 1 2 22 13 3 1 9	2 2 1 3 10 10 5 2 12 5	4 2 2 17 10 8 2 13 4	3 2 1 17 5 8 1 13	3 1 1 0 23 7 8 1 3	2 1 3 0 14 9 5 1 11 3	1 2 16 15 14 4 6 1 8	1 13 14 6 1 5 2 13	1 2 8 12 8 4 3 2 18 3	1 2 3 3 4 4 2 5 13 5	1 2 11 8 7 4 2 8 15	1 1 11 13 5 3 2 5 11	1 4 18 5 4 1 6	2 3 10 14 3 1 8 6	4 2 3 1 16 3 1 5	3 2 1 13 2 1 10 1	3 1 1 6 2 13 4 2	7 3 3 0 4 2	6 3 2 0 4 2 2 13 3 2	2 3 1 0 3 2 2 6 3 3	2 2 2 0 7 4 1 3 1 6	1 2 1 1 12 3 1 5 0 5	2 5 4 11 5 4 4 9 3
11 12 13 14 15 16 17 18 19 20	6 25 0 1 19 0 0 0	8 11 2 1 8 0 0 0 0 15	6 12 2 2 6 0 0	5 11 4 3 1 2 0 0 0	3 8 5 4 3 0 0	4 10 5 7 3 2 0 0 0	2 19 2 9 8 - 0 0 1 13	1 18 1 8 6 5 0 2 0 15	1 14 1 8 1 10 0 3 0 14	0 19 1 2 2 1 2 1 18	1 12 2 0 1 1 6	1 3 3 0 0 0 0 6 2	6 3 7 0 0 3 1 4	10 5 3 8 0 0 0 2 2	13 7 3 6 0 0 3 2	4 4 0 0 2 2 3	1 1 4 7 0 0 0 0 3 4 1	3 0 0 7 4	1 10 3 0 0 0 4 3 5	2064	2044000085	10350000125	2 6 0 0 0 7 5	4 0 2 8 0 0 0 0 5	4 8 3 5 3 1 0 2 2 9
21 22 23 24 25 26 27 28 29	3302205352	2 8 1 3 2 0 3 7 3	4 2 1 4 2 6 8 13 2	3 1 1 3 1 0 7 13 13	3 1 4 4 1 11 6 8 11 2	6 1 2 3 1 14 5 9 4	5 1 2 2 1 13 3 11 2	7 2 2 0 0 8 3 5 2 4	2 2 1 1 - 2 4 1 2	8 2 2 4 - 2 8 1	6 2 3 1 8 6 0 7	4 2 4 2 4 8 1 4 2 2	3252463325	2 4 3 3 2 4 3 1 3	1 3 6 8 2 2 7 3 1 4	1 1 3 10 2 8 3 8 3	1 2 4 7 3 6 6 5 3	4 1 6	1 1 6 •••• 2 1 3 2 2	1 1 3 2 2 3 3 1 2	0 2 0 3 2 2 4 4 1 2	1 1 4 2 2 6 8 2	1 1 5 0 2 4 5 4 3	1024042423	3 2 4 2 5 4 6 3 3
31 MEAN	3 4	3 5	4 5	2	1 5	1	2 5	2 5	2 5	5 5	5 5	4	5 4	4	4	5 4	4		7 3	3 3	3	2 3	3	2 3	3 4.0

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FEB STATION - SW NO 12008 16 19 20 21 22 11 12 13 14 15 5 6 7 8 9 10 HOUR DAY 15 7 2 4 15 3 8 2 2 3 5 1 2 6 17 3 2 12 5 2 3 6 10 2345678910 12 28 11 12 13 14 15 16 17 18 19 20 8 2 10 3 24 3 - DATA INVALID -4 1 13 9 6 **** 2 1 24 15 2 3 5 10 6 5 2 14 10 15 15 10 24 18 10 21 22 23 24 25 26 27 28 29 16 5 6 9 5 20 14 7 17 5 19 14 5 13 3 3 23 21 2 2 3 0 3 6 4.4 MEAN

PERCENTAGE OF DATA VALID - 89.9

PERCENTAGE OF DATA INVALID - 9.2

PERCENTAGE OF DATA UNAVAILABLE - 0.9

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	MOITAT	- SW	NO	12008	4	67 UN	VIVERS	ITY	AV WES	T F2	WIND	SOR			MON	TH -	MAR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9 10	0 1 3 2 2 2 2 1 1	1 1 2 3 3 1 1 2 1 2	1 2 2 2 1 1	1 0 1 1 1 2 2 1 1 1	2 0 1 1 2 4 1 1 1	1 0 1 1 2 2 1 3 1	1 1 2 2 2 2 1 1	2 1 2 3 5 3 6 2 1 1	2 2 1 4 2 2 2 2 2 2	4 0 1 3 4 9 13 2 1 6	6 0 1 2 9 11 7 1 0 4	6 1 2 1 9 12 11 4 3	6 1 5 1 6 15 14 2 5 6	4 1 4 1 6 16 2 3 12	4 1 6 1 12 10 13 6 2 3	6 1 3 2 4 3 8 7 2 1	3 2 3 3 2 3 2 1	6 2 2 2 2 2 2 2 1	1 1 2 2 1 3 2 3 2 1	2 1 3 2 1 1 1 1	2 1 3 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 3 1 2 1 3 2 2	0 1 3 1 1 4 2 2 2 1	2 2 5 1 1 1 1	3122456222
11 12 13 14 15 16 17 18 19 20	0 1 2 1 2 1 1 4 3 6	0 1 2 2 2 2 1 1 2 3 5	1 1 2 1 1 1 3 2	2 2 2 1 1 1 5 4 2	1 2 2 1 1 1 10 8	2 2 2 1 2 1 2 1 0 1	2 2 1 1 1 1 2 7 2	3 2 1 1 1 1 1 4 1	1 3 5 6 1 1 0 1 4 1	2 3 4 20 1 8 0 1 2 1	0 3 2 10 1 3 1 4 11 1	2 1 8 3 2 1 5 5 2	229323632	1 8 2 1 4 5 3 2	219211633	**** 1 7 1 1 3 2 3	0 1 1 3 1 1 5 1 3 2	2 1 1 2 2 1 8 1 3 2	2 1 1 2 1 5 1 3 2	1 3 1 2 1 3 1 3 2	1 3 0 1 3 1 3 1	1712217123	1 10 1 7 1 1 6 1 3	1 5 2 1 2 3 5 2	1324223342
21 22 23 24 25 26 27 28 29 30	200221215	4 0 1 2 2 1 2 1 1 4	3 1 2 1 2 0 1 3	2031612112	2132412113	3 1 2 2 25 1 1 0 2	4 1 2 18 1 2 0 2 3	2 0 7 2 5 1 2 1 1 2	5 1 17 5 6 1 2 1 2	20 5 1 1 2 2 1 1	1 3 9 6 1 3 1 3 1 2	3655152422	3 6 6 7 1 5 4 3 2 3	5 3 6 4 0 4 2 4 3 3	243513.332	1 7 3 5 1 3 1 3 4	1 4 4 3 1 2 0 2 3 4	1 3 3 5 1 2 1 2 3 3	0 2 3 5 1 3 1 1 3 3	0 1 2 4 2 2 - 1 4 3	0 0 1 4 2 2 1 1 4 2	0 0 2 3 1 1 1 3 2	0 0 1 3 1 4 2 1 5 2	1 0 1 2 0 2 1 1 5 2	2 2 4 4 4 2 2 2 2 3
31	1		1	2	9	3	1	2	2	2	1	~	*	2	8	11	5	3	3	3	3	1	1	1	3
MEAN	2	2	1	2	2	3	2	2	4	4	3	4	5	4	4	3	2	2	2	2	2	2	2	2	2.7

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- * INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - APR 76 10 11 12 13 14 15 HOUR 3 7 В 9 16 17 18 19 20 21 22 23 24 MEAN DAY 12 10 3 4 5 2 3 13 16 7 23 15 11 0 2 13 10 12 14 16 3 18 20 5 1.1 0 23 0 0 **** 2 26 002 000 00 27 0 28 29 30 2 3

PERCENTAGE OF DATA VALID - 96.8

MEAN

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 2.2

2.6

3

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- * * INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

3

POLLUTANT	- SULPHUR	DIOXIDE

	STA	TION .	SW	NO	12008		467 UN	NIVERS	ITY A	V WES	T F2	WIND	SOR			MON	TH - 1	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	3 2 3 1 4 1 1 0	4 2 4 1 3 1 1 0 2	4 3 2 7 2 1 0 5 2	3 1 2 10 5 2 1 1 3 4	2 3 2 18 4 2 1 0 4 2	2 3 1 19 2 1 1 0 3 3	2 5 3 10 3 1 1 0 3	3 5 2 8 5 1 1 1 15 2	19 24 5 0 1 1 22 7	4 5 1 3 4 1 2 0 11 7	4 5 1 2 4 1 1 0 10 6	6 3 1 2 3 2 2 0 5 4	4 2 2 1 1 4 1 0 6 3	4 2 7 1 0 3 1 2 6 2	3 3 7 2 2 3 0 1 2 5	3 4 1 1 2 1 0 1 3 4	2 3 1 2 2 1 1 3 3	3 3 1 2 5 1 1 2 4	3 1 4 3 1 0 2 2	2 1 1 3 4 1 0 2 1 6	2 2 1 3 4 1 0 3 1 3	2 2 1 2 5 0 0 7 1 2	2 2 1 3 6 1 0 4 7 4	2 3 1 4 3 0 0 3 3 7	3 4 2 5 4 1 1 1 5 4
11 12 13 14 15 16 17 18 19	9 0 0 4 3 2 2	8 0 3 1 2 1 1 5	2 2 1 4 2 2 1 1 2	3 1 2 6 1 2 2 1 1 3	3 1 2 3 1 2 2 1 1 8	3 2 1 4 1 2 4 1 0 3	2 1 2 3 1 3 3 1 0 9	2 1 1 2 1 2 3 1 0 9	1 0 2 1 1 2 6 1 1 7	1 1 2 3 1 3 3 2 0 6	1 0 2 3 2 4 1 2 1 5	1 3 3 2 5 1 1 4	0 4 3 2 5 1 1 2 6	3 3 2 3 1 1 2 5	3 3 4 2 3 2 1 1	1 3 3 3 2 5 1 1 1 2	0 3 3 3 1 4 1 1 1 2	0 2 6 3 1 4 1 2 3 2	0 3 5 3 2 4 1 3 3 4 4 2	0252241232	1 1 3 2 2 3 1 1 2 2	1 1 4 1 2 2 1 1 2 4	0 0 3 1 3 2 1 1 2 3	0 0 5 1 3 1 1 0 2 3	2 1 3 3 2 3 2 1 1
21 22 23 24 25 26 27 28 29	2 1 3 1 1 0 1 2 3 1	2 1 1 1 1 0 1 1 3 1 1	2 1 0 0 1 0 2 1 2	2 1 1 0 1 1 1 2 2 1	2 2 2 0 3 2 1 3 2 1	1 1 0 2 3 0 1 2 1	1 2 0 1 3 5 1 2 1	1 2 9 1 1 3 9 3 2	1 6 2 1 1 8 5 3 2	2 3 5 1 9 0 4 2	1 3 2 1 2 6 4 3 3	2 2 2 2 0 3 3 5 3 3	2 2 5 2 - 3 1 3 3 4	2 2 3 2 0 5 1 2 3 4	1 2 2 2 0 2 2 2 2 4	2 2 2 1 2 3 3	2 2 2 2 2 2 2 2	2 2 4 2 3 2 2 2 2 2 2 2	9 1 1 3 2 2 1 2 2 4	9 1 2 2 1 1 1 3	2 0 0 1 1 1 2 2 1 2	1 0 0 1 0 0 2 1 1 1	1 2 2 0 0 1 3 1 1	2 2 2 0 0 1 4 1 1	2 2 1 1 2 3 2 2 2
31 MEAN	1 2	1	2	1 2	1	1 2	1	1	0	2	1	2	2 3	3	3 2	3 2	1 2	3 2	2	2	1 2	1	4 2	10	2 2.3

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "---- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POI	ACCOUNT SUCCESSION STORAGE														01 PA	RTS/M	ILLIO	N						
	ST	ATION -	SW	NO	12008	4	467 U	NIVERS	SITY	AV WES	T F2	WIND	SOR			MON	TH -	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	9 1 9 1 3 9 11 4 4 2	5182288452	4 1 4 1 7 5 3 4 2	4 1 3 1 3 10 4 3 3	3 1 2 1 2 8 5 3 4 2	1 1 2 1 2 6 4 4 2 4	1 2 2 1 2 7 3 4 3 4	1 2 2 1 2 6 4 4 2 7	1 3 2 1 5 9	4 1 2 1 4 8 3 2 6	4 0 2 4 7 3 2 3 3	5012582234	2 1 1 3 5 8 2 2 2 4	1 1 1 2 5 8 2 1 0 4	1 1 2 6 8 2 2 1 3	1 1 1 5 8 4 2 3 3	1 2 1 2 5 8 3 2 6 3	1512583354	1522794344	1 3 2 1 6 8 4 4 3 4	1 1 2 2 5 5 5 3 3 4	0 3 4 2 4 8 4 2 3 4	1 4 2 2 5 8 4 4 3 5	1 6 2 2 8 1 1 5 4 4	2 2 3 2 4 8 4 5 3 3 3
11 12 13 14 15 16 17 18 19 20	5 2 1 3 2 3 0 3	5 2 1 3 4 4 0 3	5 3 1 3 5 4 0 2	6 2 2 5 4 3 0 2	52154403	62132302	4 2 1 2 1 3 1	4 2 1 2 2 4 0 1	3 1 4 0 2 3 0 1	2 2 6 2 3 2 1 2	1 3 5 4 3 1 1 3	1 3 6 3 4 4 3	2 3 4 3 4 4 2 DATA DATA	1 3 3 3 2 2 2 3 3 1 1 1 1 1 1 1 1 1 1 1		3 3 1 2 2 3 3	2 4 2 3 2 3	2 4 3 4 1 4	4 2 4 5 3 1 4	3 2 4 5 1 3	3 9 5 1 3	2 3 6 4 2 2	3 2 3 2 2 0 2	2 1 3 2 4 0 2	3 3 3 2 2 2
21 22 23 24 25 26 27 28 29 30	1 4 4 1 2 5 3 1	3 4 4 2 8 2 1 1	2 3 3 2 2 8 2 2 2	1 2 2 2 3 3 2 2 2 2	1 2 3 3 1 2 2 2 1	1 2 2 3 2 3 2 3 2 1	0 1 1 2 3 3 1 2 1	2 3 1 1 3 2 2	0 7 1 5 2 4	6 1 7 4 2 3 0	1 4 2 1 1 4 5 4 8 1	2 4 1 1 4 5 3 7	2 4 2 1 1 4 4 1 6 2	2 2 3 1 4 4 1 6	2 2 2 1 1 3 4 4	2 2 1 2 3 3 6 6	2 2 2 0 2 3 3 4 7 1	3 3 4	1 2 2 1 3 3 4 4 4	3 5 5	1 3 2 1 3 3 4 1 4	2 4 4 2 4 3 1 3 1	4 4 4 2 4 3 5 1 1 0	1 4 4 1 5 4 5 1 1 0	2 3 2 2 3 4 2 3 1
MEAN	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 89 2 PERCENTAGE OF DATA INVALID - 10.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION .	SW	NO	12008	1	467	UNIVER	SITY	AV WE	ST F2	WIND	SOR			MON	TH -	JUL	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 2 1 3 3 2 1 0 0	0 2 1 3 2 3 4 0 1 2	0 3 2 3 3 4 6 1 0 2	0 1 1 3 3 3 2 0 0 3	0 1 1 2 3 2 1 0 0 2	**** 0 1 3 2 2 0 0 0 2	0 1 1 2 2 2 2 2 0 0	0 2 3 4 2 7 0 0 2	0 0 **** 2 4 2 2 2 0 ****	0 0 **** 3 4 4 3 0 2 3	1 1 **** 4 3 7 3 0 3 4	0 2 **** 4 3 4 3 0 2 4	0 1 **** 3 3 4 3 0 2 4	0 1 **** 4 3 2 2 1 2 5	0 1 1 3 2 1 2 0 2 4	0 1 2 3 3 1 1 1 2 5	1 1 2 3 3 3 1 1 2 5	0 1 2 3 4 3 1 2 2 4	1 1 3 5 3 4 0 1 2 4	0 1 5 4 3 1 0 2 1 5	0 1 6 3 3 1 1 2 2	0 1 5 3 3 1 1 1	1 1 4 3 3 2 1 1 1 ****	6 1 3 4 3 2 0 -	3
11 12 13 14 15 16 17 18 19 20	**** 6 2 2 3 9 1 3 5 2	8 4 2 1 3 7 1 3 9 5	4 2 1 2 4 1 4 7 4	3 1 1 2 4 1 5 7 2	**** 2 2 1 2 2 1 7 9 2	3 2 1 0 1 2 1 9 4 2	311111111111111111111111111111111111111	2 1 6 2 1 1 3 10 9	3 1 1 4 3 1 1 6 3 5	4 1 2 3 - 1 2 3 5 3	3 1 1 4 2 1 4 5 3	3 2 2 2 1 2 4 3	3 1 1 5 3 1 1 2 4 3	3 1 1 5 3 1 1 2 3 3	3 1 1 4 3 1 2 2 2 3	3 1 1 3 3 1 1 2 2 3	4 2 2 3 3 1 1 3 3 3 3	3 2 2 2 4 1 1 2 8 3	3 2 2 3 4 **** 1 3 3	2 1 3 5 1 2 3 2 2	3 2 2 3 4 1 1 2 2 1	2524423121	3 5 2 4 6 2 3 1 3	5 4 2 3 8 1 1 1 1 2	2 2 3 3 2 1 4 5
21 22 23 24 25 26 27 28 29 30	2 2 2 2 2 2 2 4 2 2 1	1 3 1 2 2 2 5 4 1 1	1 1 2 1 2 - 3 1 2	1 0 1 2 1 2 - 1 1 2	101222	1 0 1 2 4 4 2 - 1 1 2 2	3 3 3 4 1	1 1 2 3 2 2 3 4 4 0 0	1 1 2 2 3 1 0 1	1 1 2 4 2 ****	1 1 **** 1 2 2 2 3 0 1	**** 1 1 1 2 2 2 - 1 1	1 1 2 1 2 2 2 4 2 3	1 1 3 2 2 2 2 3 1 3	2 1 2 2 3 2 2 2 2 5	1 2 2 2 2 1 1 2 7	2 2 2 2 1 1 1 8	3 2 2 2 2 1 2 2 6	6 3 2 2 3 2 1 1 5	7 3 2 2 3 3 2 1 2 4	6 2 2 2 2 5 2 1 2 3	5233241223	4 1 2 3 2 3 2 1 2 5	3 2 3 2 2 3 2 3 2 3 2 3 3 2 3	1 2 2 2 3 2 2 2
31	3	3	4	.4	6	4	4		4	3	3	3	3	3	3	2	2	3	2	2	2	2	3	2	3
MEAN	2	3	2	2	2	2	2	2 3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	3	2.3

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POI	LUTANT	- 5	ULPH	UR DIO	KIDE								UNITS	- 0.0	DI PAF	RTS/M	ILLIO	Ñ.						
	STA	TION -	SW	NO	12008		467 U	NIVER	SITY	AV WES	T F2	WIND	SOR			MONT	гн - ,	AUG	76						
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	2 2 2 2 2 2 2 2 2 2 1 1	2223420122	2 2 1 2 6 2 1 0 1 2	2 2 2 4 5 2 1 1 1	2 2 1 6 5 2 2 2 0 2	2 2 2 5 5 2 1 1 1 1	2 3 1 4 5 5 1 1 2 1	2 4 1 6 3 1 0 4 3	3 3 2 + 3 1 O 4 3	3 3 2 5 5 1 2 0 2 4	2 3 2 4 6 3 1 1 2 4	2 2 2 4 4 1 1 1 4	3 2 3 4 1 3 2 1 4	2 2 4 3 4 2 1 1 2 5	3 2 3 8 3 2 1 1 3 4	3249320132	3 2 3 7 4 1 0 1 3 2	2235312231	3 2 6 4 3 1 1 2 3 1	2 2 4 5 4 1 0 2 6 1	2334310161	2 2 3 5 2 1 0 3 3 2	2 2 4 2 1 0 1 1 1	2 3 2 3 2 0 1 1	2 2 3 4 4 2 1 1 2 2
11 12 13 14 15 16 17 18 19 20	1 3 5 1 4 1 2 3	3 3 1 4 1 1 1 2 2 2	2 3 2 3 1 0 2 2 4	1 3 2 3 1 1 1 2 1	1 3 2 3 1 0 1 1 2	2 3 4 2 1 1 2 2 1	2523111225	3 3 2 5 2 2 1 3 1 5	604211140010	8 2 4 2 1 1 **** 4 2 13	8 3 4 2 1 0 2 6 3 9	7 2 2 2 1 1 2 5 2 8	7 2 2 1 1 0 1 4 3 6	4 2 1 2 2 1 3 4 3 7	3 2 3 3 2 1 2 3 4 6	3 2 5 3 2 4 2 3 3 4	4 2 2 4 2 2 2 2 3 2 4	5 3 1 3 4 3 2 4 3 4	5 2 1 2 3 4 2 2 3	32122.2235	3421122245	3 4 1 0 2 1 2 4 4	43122-2135	5 4 1 1 3 - 2 2 3 6	4 3 2 3 2 1 2 3 3 5
21 22 23 24 25 26 27 28 29 30	4 4 3 4 2 **** 1 3 1	4434232310	3 4 3 2 3 2 3 1	3 6 3 3 2 3 1 4 1 1	2 4 4 2 2 3 3 2 3 1 2	2332221601	3322****10512	3 3 2 1 **** 0 1 6 2	4 4 2 1 **** 0 1 4 1	6 4 2 1 3 5 2 2 1 1	6 4 1 2 2 5 1 2 2 2	8 5 1 3 5 1 3	9 7 2 1 4 7 2 3 1	10 6 2 1 2 5 4 2 1 2	9621264222	9621234212	8621363311	7 2 2 3 12 5 2 1 3	7 6 2 2 3 2 3 2 1 3	7 6 3 2 3 1 3 2 1 2	5623322113	5 5 2 2 2 1 4 2 0 4	4532515113	4 3 4 3 4 0 4 1 2 2	65 22 33 23 12
31	3	2	2	4	2	2	8	9	10	7	6	5	7	9	7	6	6	5	5	6	5	5	6	5	6
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.7

- * * INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	STA	TION	- SW	NO	12008		467 U	NIVER	SITY	AV WE	ST F2	WINE	SOR			MON	тн - :	SEP	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN	
1	7	5	5	6	7	5	6	6	3	3	4		••••	****	****	****	1	2	1	2	1	2	1	1	4	
,	Ö	ō		0	0	0	1	1	2	1	1	1	1	1	1	1.	3	2	1	1	1	0	1	1	1	
3	ō	1	2	0	4	1	1	1	4	9	•	4	11	10	8	5	3	2	3	2	1	2	3	6	3	
4	3	4	5		5	4	4	3	5	3	5	3	2	3	2	2	2			1	1	1	1	2	3	
5	1	1	ĭ	5 2	2	2	1	1	1	1	1	1	1	2	1	2	1	1	3	2	1	2	1	1	1	
ě	ċ	4	i	1	Ā	5	8	2	2	3	2	3	3	3	4	4	4	3	1	1	1	1	1	1	3	
7	٠	1	i	3	5 2 8 5	3	8 5	13	2 6	5	4	3	2	****	7	8	8	5	3	2	3	2	3 5	2	4	
6	à	ż	3	5	6	4	8	6	3	5	5	3	3	2	4	6	4	3		3	3	3	5	3	4	
	•	5	2	3	3	2	1	2	2		7	3	4	****			-	1	0	1	0	2 3 0	0	1	2	
10	ō.					••••	ò		••••	••••	••••	0	****	0	0	0	٥	1	2	2	1	0	1	1 •	*****	
11	5	4	4	5	5	4	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	0	1	1	2	
12	ō	0	1	0	0	- 1	0	1	1	2	2	1	2		2	5	2	3	2	1	0	2	1	0	1	
13	ĭ	1	2	2	1	1	1	2	3	6	4	6	2		7	11	8	3	3	3	3	2	2	2	3	
14	5	4	4	3		3	2	2	1	5	7	4	6		6	4	4	3	3	2	3	2	2	2	4	
15	5 6	2	4	2		2	3	5	2	1	1	2			1	1	1	1	1	2	3	4	3	3	2	
16	3	2	2	1	1	1	2	2	2	3	*	4	5 0 2	5	3	3	3	2	3	3	2	1		2	2	
17	2	2			2	2	2	1	0	- 1	1	1	0	1	1	1	2	1	2	2	2	4	3	2	2	
18	2	2	2	1		2	2	2	2	2	2	2			2	3	3	2	2	3	3	2		2	2	
19	3	3	5	3	2	2	2	6	7	4	6	5	8	4	4	4	4	4	4	2 3 5 3	3	3	3	3	4	
20	4	4	3	3		2	2	2	1	1	1	1	1	1	1	2	2	1	2	3	2	2	1	3	2	
21	1	1	1	1	1	1	1	7	3	3	3	2	3	3	2	1	1			•	2	0	1	2	2	
22	1		ò	1	0	1	1	1	1	2	- 1	1	1	1	0	0	1	1	2	1	0	1	0	2	1	
23	0	٥	1	1	2	2	3	2	4	2	1	1	1	1	2	0	٥	0	0	٥	0	1		3	1	
24	1	0	Ó	0	1	0	0	0		0	1	1	0			1	2	1	1	0	0	0	0	1	Ü	
25	2	1	4	4	2	2	3	4	4	4		4	3		3	4	3	1	2	1	1	2	1	1	3	
26	2	1	1	2		1	1	1	2	2	2	3		2	2	2		2 2 2	2 3 2	. 2	2	2	1	1	2	
27	7	1	i	1	3			1	1	0		2	1	1 2	2	2	2	2	3	2	2	2	2	2	2	
28	3	2	2	1	1	1	1	1	1	2		2		2	3		2		2	2	4	5	6	7	3	
29	7	7	6	4	3	5	6	7	7	7	6	3	. 3		2	1	2	2	1	1	1	1	3	2	4	
30	2	1	1	0	1	1	2	1	4	4	4	4	7	7	6	9	7	6	3	3	3	2	3	2	3	

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 2 2 3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	FUL	CO . A		,00,110	0.0																				
	STA	TION -	SW	NO 1	2008	4	67 UN	IVERS	ITY	AV WES	T F2	WINDS	OR			MONT	H - C	CT	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2	1	1 2 2	1	1	0	0	0	1	10	8 0 5	5 0 3	3 2 3	0 5 5	2 3 7	2 3 5	3 4 4	3 3 3	2 3 3	2 2 2	2 2 2	2 1 1	1 1 3	1 1 1	0 1 2	2 2 3
3 4 5	2	20	1	2	3	2	1	i	0	0	2	3 3 3	3	1	3	3 1 0	3 1	3 2 0	3	3	5	2	2 0	0 2 0	1
6 7 8	1 0 1	2	1 1 0	0	0	0	000	0	ŏ	1	0	1	0 1 1	3	3	3	200	1 0	1 1 2	0 3	1 0 3	0 1 2	202	2	0
9 10	2	3 2	0	1	1	0	0	0	1	2	ì	1	1	i	1	ò	0	1	0	1	2	1	1	ō	j
11 12 13	0 1 5	1 2 2	0 2 3	0 2 3	2	2	0 20	1 2 0	1 2 4	1 7	5 2 5	7 2 2	6 2 1	3	2	5 2	6 3 0	20	3	2	2	2 6 0	2 0	5	2 2
14 15 16	0 1	0 2 0	4	5 0	6	5	0 7 0	0	4 0	3	1	••••	1	1	1 1	0	0	0	0	0	0	0 2	0	1	2
17 18 19	1 0	1 0	1 0	1 0	1	1 1 2	1 1 2	1 2 2	2	1	1	1	1	1 1 4	1	1	1	0	1	1	1	1	0 3	0 2	1
20	2	2	1	1	1	1	2	2	2	2	3	3	2	0	2 1	1	1	1	1	1 2	2	1 2	1	3	2
21 22 23	2 0 5 1	1 0 5 2	2042	2 2 4 2	1 3 8 2	9 2	1 3 6 2	3 4 4 2	1 5 3 2	2 3 2	1 4 2	6 3	2 5 4	2 7 4	1 4 3	1 3 2	2 3 4	2 4	3 2 2	5 2 2	6 2 2	4 2 2	7 2 2	9	3 4 2
24 25 26 27	2 3 0	2 0	2 2 0	2 4 0	2 3 0	1 2 0	2 2	1 3 2	2 2	B 1 1	9 1	3 1 1	1	2	2	2	2 1	2	2 - 0 7	0	1 0	3 1 1	1 1 3	2 1 2 3	3 2 1
28 29 30	5 1 3	2 2	3 3 1	6 3 1	3 4 1	5 4 3	1 4 2	2 5 2	4 5 2	4	4	3 2 3	1 3	3	3 4 4	3 3	1 2	5 2 1	2	7 3 0	7 2 0	5 2 0	4	3 4 0	3
31	0	0	0	0	0	٥	0	0	1	0	0	0	0	0	0	1	1	2	2	0	0	1	1	٥	0
MEAN	2	2	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 3.2

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	SW	NO	12008	4	67 U	NIVERS	SITY	AV WE	ST F2	WIND	SOR			MON	TH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	IEAN
1 2 3 4 5 6 7 8 9 10	0 0 5 0 1 2 1 1 7 1	0 0 4 1 3 3 2 1 8	0 0 4 1 3 3 2 0 4 1	0050231100	0 0 2 3 1 0 4 0	0 1 6 0 2 4 1 0 5 1	0 1 4 0 1 3 0 0 7 4	0 1 4 0 1 3 0 7 1	1 4 4 0 1 3 1 1 5	0 5 3 0 1 3 1 1 7	0 2 1 0 1 3 1 1 4 2	0 1 1 0 2 2 2 4	0 2 1 0 1 3 2 2 4 1	0 3 2 0 1 4 2 1 5	0 2 1 0 3 1 2 4	0 4 2 0 1 3 3 1 4	0 4 1 0 5 1 1 7 0	1 5 0 0 4 1 2 9	0 5 1 0 2 3 2 1 9	0 4 0 1 2 6 1 2 10 0	0203261381	0402221940	051-211320	0 4 1 2 1 1 5 2	0 2 2 1 1 3 1 2 5
11 12 13 14 15 16 17 18 19	1 0 1 8 1 1 4 3 2 0	0 1 0 8 1 1 4 3 6	0 0 1 7 2 5 3 4 6 0	0 0 1 4 2 6 3 5 3 0	0 0 4 7 9 3 2	0002562010	0007322060	0 1 1 5 3 8 2 ****	1 0 5 6 13 7 2 1 3	0 0 2 5 5 7 4 **** 0 1	1 0 1 3 **** 10 - ****	2 1 1 4 **** 13 6 1 1 2	2 1 2 4 **** 4 7 2 1	2 1 2 3 **** 6 4 3 1 0	2 0 1 3 **** 4 4 2 1 0	1 2 2 4 **** 4 5 1 0	2 1 1 2 0 4 5 1 0 0	1 1 0 3 4 1 0 0	1 0 7 2 2 2 3 2 0	1 1 8 7 1 3 1 3 0	1 1 8 8 1 4 2 1 0	2 1 8 8 1 4 4 2 0	1 1 6 3 1 3 2 4 0 0	0 1 6 1 1 4 2 6 0	1 1 3 5 3 5 3 2 1 0
21 22 23 24 25 26 27 28 29 30	0033230313	0 0 3 4 3 4 0 1 3 2	0 1 2 4 2 3 2 1 2 3	0 1 1 5 1 3 0 2 1 4	0 0 2 5 1 2 0 2 1 3	0 0 2 6 3 4 0 1 1	0 2 7 3 4 1 2 1 3	0124332225	0 0 2 5 2 3 1 1	0 1 2 **** 4 3 1 1 1 2	0 1 8 5 0 1 3	0 1 6 5 2 1 2 1 2	0 1 0 4 5 2 1 3 0 2	0104531302	1 1 2 3 5 2 1 2 0 2	1 1 2 2 3 3 3 3 0 2	0 1 2 2 2 3 2 2 1 2	013211303	0 1 2 3 2 2 1 3 2 5	0 1 1 4 1 3 2 2 2	0 1 1 5 1 3 2 1 1 5	0 0 2 4 1 2 2 1 1 5	0 0 2 4 2 1 1 1 2 4	0 1 1 4 2 0 1 2 2 4	0 1 2 4 3 2 1 2 1 3
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION -	SW	NO	12008		467 U	NIVER	SITY	AV WE	ST F2	WIND	SOR			MON	TH -	DEC	7.6						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	4 1 1 4 2 1 4 1 7	3 1 4 4 3 2 4 2 7 2	2 1 0 3 5 2 3 1 7 3	6 0 1 5 3 5 3 2 7 5	6104533284	3213352263	1 18 3 1 5 1 1 8 2	7 0 5 3 4 5 1 0 6 2	8 1 1 2 4 5 1 2 2 2	4 0 **** 3 8 6 1 1 3 2	1 **** 2 8 8 2 1 4	1 2 3 5 8 2 3 12 3	1 2 4 2 10 3 3 8 5	0 2 3 2 7 4 3 3 7	0 1 2 3 6 4 5 2 7	0 1 2 7 8 1 4 3	4 0 1 2 4 6 1 5 3 8	4 0 2 3 2 5 1 6 3 7	3 1 2 3 3 7 1 1 3 6	3 0 1 6 3 4 0 1 3	1 0 2 3 2 2 2 1 2 1	3 0 3 4 3 2 1 1 1 2	4 0 3 4 2 4 0 2 1	2 1 4 2 1 3 1 1	4 1 3 3 4 5 2 2 5 4
11 12 13 14 15 16 17 18 19 20	0 0 1 **** 7 1 2 2 3 3	1 2 0 5 4 2 1 1 3 4	0 4 1 3 3 2 1 1 3 3	1323212255	1 4 1 2 3 2 0 1 ****	1613412264	0 6 1 2 5 2 3 2 4 4	1604523242	2506220252	2 5 0 4 6 1 0 3 6 2	2 3 1 3 5 2 0 3 5 3	351245 - 562	4 7 3 2 6 6 0 5 7 5	9 6 - 1 4 4 0 7	9 6	8 6 2 3 4 0 9	7 3 3 3 1	6 3 3 7 1 1 ****	3 4 2 4 5 1 1 3 6 2	2 1 1 5 5 1 2 2 5 1	2 1 2 4 5 2 1 3 4 2	1 1 2 8 2 1 2 2 4 1	1 0 4 8 2 2 1 2 5 1	0 1 3 5 1 2 1 2 4 3	3414421353
21 22 23 24 25 26 27 28 29 30	2 2 1 2 1 1 2 5	2 *** 1 2 0 3	2 1 2 0 ** 2 3 0 1	2210002300	1 1 1 1 1 5 0 0	1 1 2 1 1 0 1 4 0 1	1 2 1 1 1 1 1 3 0 1	1 2 0 0 2 *****	1 3 1 0 0 1 2 2 0	1 3 **** 0 0 1 1 3 1	1 3 1 3 0 1 2 3 1 2	0303112432	**** 2 2 3 2 1 1 3 1 3	0 2 1 0 2 0 0 3 *****	1 2 0 1 0 0 1 4 1 2	1 0 0 0 0 3 1 1	1 2 0 0 0 2 0 2 1	1 1 0 0 0 2 2 ***** 1 1 1	1 1 0 0 0 2 2 **** 1 2 1	1 1 0 **** 0 2 **** 1 1 1	0 0 1 ****	1 2 1 1 0 1 1 0 2	2 1 0 0 2 1 1 4 2	3 1 1 2 1 1 5 1	1 1 1 1 2 1 2
31 MEAN	1	1	1	1	1	1	3	3	3 2	3 2	3	3	2 4	2 3	3	3	1	1	1	2	2	2	3 2	4 2	2 2.4

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 1.9

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDS	STATION -	SW	NO	12008	467	UNIVERSITY	AV	WEST	F2	WINDSON
---	-----------	----	----	-------	-----	------------	----	------	----	---------

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.0	11	25
FEB	26	4.4	10	31
MAR	31	2.7	6	25
APR	29	2.6	5	23
MAY	. 31	2.3	5	22
JUN	27	2.9	8	11
JUL	31	2.3	5	10
AUG	31	2.7	6	13
SEP	29	2.4	4	13
OCT	31	1.7	4	10
NOV	30	2.1	5	13
DEC	31	2.4	5	18
YEAR	358	2.7	11	31

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

POLLUTANT - SUL	PHUK DIC	ALDE						
STATION - SW	NO 12008	3 467 U	NIVERSITY A	WEST F2	INDSOR			
MONTH OO	TO 04 0	05 TO 10 1	1 TO 14 15	TO 25 26	TO 39 40	AOVER	TOTAL	
JAN	512	145	48	20	0	0	725	
FEB	441	119	29	32	5	0	626	
MAR	614	83	11	9	0	0	717	
APR	587	100	6	4	0	0	697	
MAY	659	65	1	5	0	0	730	
JUN	545	95	2 .	0	0	0	642	
JUL	654	56	0	0	0	0	710	
AUG	626	104	.2	0	0	0	732	
SEP	605	80	3	0	0	0	688	
OCT	664	48	0	0	0	0	712	
NOV	625	80	2	٥	0	0	707	
DEC	605	102	1	1	0	0	709	
YEAR	7137	1077	105	71	5	٥	8395	

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT	ION BA	PERCENTILES			CONCEN	TRATIONS					
OF DATA				FREQUENCY							ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
05.6	•	0.0	0.7	1.5	2.6	5.0	7.0	10.5	13.6	31	2.7

DOL	HITANIT	 CILL	DUILIB	DIO	VINE

													r.												
	ST	ATION	· SW	NO	12015	š	SEWAG	E PLT	HWY	18/PR	OSPEC	T W	INDSOF	?		MON	TH -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 4 6 1 1 4 3	1 1 1 2 11 1 2 5 2	1 1 4 1 2 10 1 1 2 3	1 1 4 1 4 12 0 0 2 4	1 1 4 1 3 12 0 0 3 2	2 1 4 3 5 11 0 0 4 2	3 1 4 4 8 11 0 0 10 3	2 1 2 3 7 14 0 0 24 2	2 1 2 2 5 1 2 0 9 2	1 1 2 4 6 0 0 4 3	1 1 1 7 4 5 0 2 3	1 1 2 5 3 5 0 2 4 4	2125351465	2 1 3 4 3 4 1 ****	1 2 7 4 0 9 4	1 0 3 8 19 3 0 8 2	2 0 2 6 7 2 0 53 1 3	3 0 2 3 6 2 1 51 1 2	2 0 5 4 7 2 0 15 2	3 0 2 5 6 2 2 2 9	3 1 2 5 5 2 6 10 1 2	2 1 2 5 6 2 7 3 1 3	2 1 2 4 7 3 4 6 2 5	21248224444	1 2 4 6 6 1 10 4
11 12 13 14 15 16 17 18 19 20	4 3 0 1 1 1 2 1 3	4 2 0 1 1 1 1 1 3	3 1 0 1 2 1 1 1 1 2	2 1 0 3 3 1 1 1 1 1 1	2 2 0 3 3 1 5 1 1 1	1 3 1 2 2 1 6 0	1602212011	1 3 0 3 2 1 1 0 2 1	0 3 0 2 2 2 1 2 0 1 1	0 4 0 2 2 1 2 1 1 1 7	03032124290	0 2 1 2 2 1 2 5 2 5 8	0 2 1 4 2 1 2 5 2 7 1	0 1 6 2 2 3 4 2 37	0 3 1 3 1 2 3 5 2 63	1 2	2	5 1 0 2 1 1 1 5 2 9	5 1 0 2 1 1 6 1 6	410116513	3001123202	2002141102	200311311001	3 0 1 2 1 4 1 1 1 1 1 1	
21 22 23 24 25	2 5	3	2	1 2	1	2	2	1	1 2	2 3	3	-	DATA DATA DATA	2 * * * * I NVAI I NVAI	LID - LID -	2 ****	2 ****	2 ****	2 ****	2 ***	****	2	2	****	2 *****
26 27 28 29 30	**** 2 4 1	**** 4 5 1	**** 2 3 0	**** 2 2 0	**** 2 3 0	**** 2 4 0	**** 2 2 0	**** 1 1 0	**** 2 1 0	**** 5 2 0	**** B 2 1	**** 4 2	2 2 ****	1 NVAI **** 2 2 ****	LID - 3 3 1 5	3 4 1 3	3 1 3	1 2 1 1	† 2 1	1 2 1	2 2 1 1	1 2 2 1	1 2 1 1	2 1 1	****** 3 2 1
31	1	0	0	0	0	٥	٥	0	1	1	3	3	2	2	2	2	1	1	†	1	1	1	1	1	ri i
MEAN	2	2	2	2	2	2	3	3	2	3	6	5	6	4	5	6	6	4	3	3	2	2	2	2	2 2

PERCENTAGE OF DATA VALID - 82.5 PERCENTAGE OF DATA INVALID - 17.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- S	ULPH	UR DIO	XIDE							L	JNITS	. 0.0	O1 PAF	RTS/MI	ILLIO	V						
	STAT	ION -	SW	NO	12015		SEWAGE	PLT	HWY	18/PRC	SPECT	WI	NDSOR			MONT	гн - я	FEB	76						
HOUR DAY	Ĭ	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IĘAN
1 2 3 4 5 6 7 8 9	1004122522	1006122332	1 0 0 6 1 2 3 4 2	1 0 1 3 1 1 4 5 1 2	0 0 2 1 1 3 5 2 3	0 0 0 3 2 2 4 4 1 3	0 1 0 5 2 2 3 3 1	1 3 0 5 2 2 1 5 1 2	0 3 1 2 1 1 2 4 1 3	0 7 2 3 2 2 2 3 4 2	1 3 2 2 2 4 3 4 3 4	1 13 2 2 2 8 3 4 4 4	1 41 1 2 2 2 4 4 4 4 4 4 4	0 8 2 3 2 3 5 4	1 31 2 2 2 4 3 3 5 5	0 44 6 2 2 5 2 3 4 5	0 15 13 2 4 2 3 3	0 28 4 1 2 4 2 3 2 3	0 11 2 1 2 3 2 2 2 2 2	0321252321	0 2 2 1 4 7 2 2 2 2	0 1 2 1 6 4 2 2 2 4	0 1 2 2 3 5 3 2 2 2 2	0 0 2 1 3 2 4 2 2 2	0 11 2 3 2 3 3 3 3 2 3
11 12 13 14 15 16 17 18 19 20	1 1 2 1 2 2 0 0 1 0	1 1 2 1 2 2 0 0 0 0	1 1 1 2 2 0 0 1 1 1	1 1 1 2 2 1 0 1 0	1 1 1 2 2 1 0	2 1 1 2 1 0 0 0 0	2 1 1 1 3 1 1 0 0 0 0	2 1 1 1 2 1 1 0 0	2 1 1 2 1 1 0 0	4 1 1 4 1 1 0 0	3 3 1 1 1 0 0 1	65531 12012	5 5 4 3 1 1 1 0 0 2	5534210012	553331	4 4 2 3 4 1 2 0 4 4	7 5 2 3 3 1 3 1 2 4	4 4 1 2 3 1 1 2 2 2	3 1 2 2 1 0 3 2	3421210230	4 4 2 1 2 1 0 3 3	6 4 2 1 4 1 0 3 2 0	6 3 2 1 5 1 0 2 3 0	4 3 2 1 4 1 0 2 2 0	3322211111
21 22 23 24 25 26 27 28 29	0 0 1 1 2 2 4 3 0	0 0 1 1 1 2 2 3 0	1 0 1 1 2 2 1 2 0	1 0 1 1 3 2 1 1 0	1 0 1 1 3 2 2 1	0 0 1 1 2 2 2 1 0	0 0 1 1 2 2 2 1 1 0	0 0 1 2 2 0 1	0 0 1 1 2 2 0 1 0	0 1 3 1 4 1 2 2	0 1 4 2 4 2 7 2	0 1 5 3 4 2 4 2 2	0 3 2 3 4 3 5 2 2	1 3 2 3 4 2 9 2 2	122332522	1 3 2 3 4 4 4 2 1	122333312	1 3 2 3 4 3 2 1 4	1 2 1 1 2 2 1 1 5	0 2 1 1 2 1 2 1 3	0 1 1 1 2 2 2 0	0 1 1 2 2 1 2 0	0 1 1 2 2 1 2 0	0 1 1 2 2 2 3 0 0	0 1 2 2 3 2 3 1
MEAN	1	1	1	1	1	1	1	1	1	2	2	3	4	4	4	4	3	3	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	STAT	ION	- SW	NO	12015	S	EWAGE	PLT	HWY	18/PRC	SPECT	WI	NDSOR			MONT	H - N	AR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	0 1 0 1 4 3 1	0 0 1 0 1 3 4 5 1 0	0000145410	0 0 0 0 1 3 3 2 1 0	1 2 3 1	0 0 0 0 1 5 4 1 1 0	0000143110	0 0 0 0 1 4 2 1 1 0	0 0 0 1 4 3 2	0 0 0 1 4 3 2 1	0001244220	0 0 1 7 4 3 3 3	0 1 0 19 4 4 5 4	0 1 0 22 5 4 7 3	0 1 1 0 20 4 3 3 4	0 1 1 0 10 3 4 3 4	0 0 1 0 5 3 4 3 3 1	0 1 1 0 5 2 4 2 3 1	0 1 0 5 2 2 2 2	0 1 1 0 4 2 1 2 1 1	0 0 1 0 3 2 1 1 1 0	0 1 1 0 3 2 1 1 1 0	0 1 1 0 4 2 1 1 1 0	0 1 1 5 3 1 1	0010533220
11 12 13 14 15 16 17 18 19	1 1 1 2 2 0 1 0 1	1 1 1 2 1 0 1 0 1	1 1 1 2 1 0 0 2 1	1 1 1 0 2 1 0 0 2 1	0 1 0 0 2 1 0 0	1 1 0 1 1 0 0 2 1	3 1 2 0 1 1 0 0 2 1	2 1 1 2 0 0 0 1 1	20011122000111	3 0 1 1	3 0 1 2 3 1 1 3 2	3 0 1 2 3 1 1 3 4 2	4 1 3 3 1 1 ••••	5 1 1 3 3 1 1 4 4 2	3 3 3 1 1 4 3 2	2 1 3 2 1 2 2 4 2	2 1 1 4 2 0 2 1 4 2	2 1 1 4 2 0 2 1 3 2	2 1 1 2 2 0 2 0 2	1 2 2 0 2 0 2 1	1 1 0 2 2 0 2 0 2 1	1 1 2 1 2 0 2 0 2	1 1 2 2 0 3 0 2 1	1 1 3 2 0 2 0 1 1	2 1 1 2 1 1 2 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 0 0 0 0 0 2	1 1 0 1 1 0 0 0 0 1	4 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 1 0 1 0 0 0 0 0	1 0 1 1 0 0 0 0 0 0 0	1 0 0 0 0 0 0 1	30001000000	4 1 0 1 0 0 0 0 0 0 0 0 1	3 2 1 1 1 1 0 0 0	3 3 0 0 2 0 0	1 4 4 4 2 1 0 2 0 0 1	2 4 3 4 3 1 0 2 0 1	2455310212	2 3 4 4 4 2 1 2 1 2 1 2 1	2 4 3 5 5 2 0 2 0 2	2 5 4 4 4 2 0 2 0 3	2533320304	1 4 3 4 2 1 0 2 0 3	1 2 2 4 2 1 0 1 0 3 1	1 1 3 2 1 0 0 0 0 2 1	1 1 2 1 1 0 0 0 2 0	1 1 2 0 0 1 0 0 2 0	1 1 1 0 0 1 0 0 2 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 2 2 1 0 1 0 1 1

PERCENTAGE OF DATA VALID - 99.5

MEAN

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION SEWAGE PLT HWY 1B/PROSPECT WINDSOR MONTH - APR STATION - SW NO 12015 24 MEAN HOUR DAY ò 1 1 1 0 3 3 4 4 4 5 6 5 5 4 2 2 1 0 0 0 1 2 2.1

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		STA	TION -	SW	NO	12015		SEWAGE	PLT	HWY	18/PRO	SPECT	WIN	DSOR			MON	TH -	MAY	76						
	HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24	MEAN
	1 2 3 4 5 6 7 8 9	2002100000	1 0 2 3 1 0 0 0 0 1	100120000	1 0 0 0 2 0 0 0	000010000	****	100000000000000000000000000000000000000	0 0 1 1 2 0 0 1 1 0	1 2 2 1 1 0 0 0	1 2 2 2 1 0 0 0 1 2	2 2 3 2 1 0 0 1 2 2	3 2 1 2 1 0 0 1 1 2	3 1 2 1 1 0 1 1 2 2	3 1 3 1 1 0 1 1 2 2	3 1 1 0 1 1 3 3	1 1 2 1 1 0 1 1 3 3	0 2 2 3 1 0 2 1 3 3	1 3 1 1 **** 0 1 1 3 3	1 3 1 1 1 0 2 1 4 2	0 3 1 0 2 0 0 0 2 2	0 2 2 1 2 0 0 0 4 2	0 2 2 1 2 0 0 1 4 2	0 2 3 0 2 0 0 0 2 2	0 0 4 2 1 0 0 0 3	1 1 2 1 1 0 0 1 2 2
	11 12 13 14 15 16 17 18 19 20	4 0 0 0 0 0 0 0 0 10	4 0 0 0 0 0 0 0	100000000000000000000000000000000000000	0 0 0 0 0 0 0 10	000000000	0 0 0 0 0 0 0 11	0 0 0 0 0 1 0 6	020000000000000000000000000000000000000	0 3 1 0 0 0 3 1 4	1 6 1 0 0 0 1 3 1 4	1 3 1 0 0 0 1 2 1 4	2 4 1 0 1 1 1 1 5	1 4 2 1 4 0 1 1 1 1 5	2 2 2 **** 0 1 1 0 5	1 3 2 1 0 1 0 1 5	1 3 2 1 0 1 0 1 1 6	2421010127	1 4 2 1 0 1 0 1 1 8	0 3 2 0 0 1 0 1 2 7	0 2 2 0 0 0 0 0 1 3 7	0100000146	0 1 0 0 0 0 1 4 7	0100000000	000000065	1 2 1 0 0 0 0 1 1 7
	21 22 23 24 25 26 27 28 29	400000000000000000000000000000000000000	2 0 0 0 0 0 0 0 1 0	1000000010	2 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 1 0	200000010	1000030010	1 2 0 0 0 4 0 1 1	1 1 3 0 0 3 2 3 1	2 2 2 0 0 2 7 4 1	1 2 1 0 0 1 1 1 1 4	1 1 1 0 2 2 4 1 3	2120011323	1 1 2 0 0 1 1 3 3 3 3	1 1 1 0 **** 1 3	1 1 0 1 1 5 2 3 1 3	2 1 0 2 1 7 2 3 1 3	1 1 0 1 0 4 1 3 1 3	2 1 0 1 1 2 1 2 1 2	5 0 0 1 0 1 1 2 1 2	4 0 0 0 0 1 1 2 1 2	1 0 0 0 0 0 0 0 0 1	0 0 0 0 0 1 2 0 1	0 0 0 0 0 0 1 0 1	2 1 1 0 0 2 1 2 1
,	31 MEAN	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	**** <u>*</u>	****	****	1	1	1	1	****	1.2

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NCTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	S1	MOITAT	- SW	NO	12015	5	SEWAGE	PLT	HWY	18/PR	OSPEC	T b	INDSOR			MONT	н - с	JUN	76				2		
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	**** *	*** *	***	****	****	**** *	***	****	***	****	***	****	1	2	2	2	2	1	1	0	1	0	0	*****
2	0	4	0	0	0	0	1	2	2	2	2	1	1	1	1 2	2	3	3	3	3	2	3	3	3	2
4	0	Õ	0	o o	Ô	ó	1	1	*	2	****	2) (A.,	2	3	4	4	4	3	2	2	2	2	2	2
5	1	1	1	1	1	1	1	1	2	3	2	2		3	3	4	4	4	4	3	3	3	2	2	2
6	2	1	1	1	1	1	2	3	6	5	4	2		1	2	3	3	3	3	2	2	2	1	2	2
7	3	3	3	0	0	0	1	1	2	1	2	4	1 3	3	***	2	2	3	3	3	1	1	2	4	2
8	4	2	0	0	0	0	1	2	4	2	2	- 2		3	3	3	4	5 5	4	4	3	4	5	4	3
9	3	2	2	1	1	0	1	2	3	3	***	3		3	4	6	6		5	4	3	3	3	2	3
10	2	2	2	1	1	1	1	3	3	3	.4	7	5	5	6	4	4	4	4	3	3	3	3	3	3
11	3	3	3	3	2	1	1	2	2	4	4	4	4	4	6	6	6	6	5	4	4	3	2	1	3
12	1	1	1	0	0	0	0	0	0	0	0	0		0	0	1	1	1	1	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	2	3	4		3	3	3	3	4	3	3	2	2	2	2	2
14	1	2	1	1	1	1	1	2	2	3	3	2		4	5	5	6	6	5	5	4	4	4	3	3
15	1	2	2	1	0	0	0	1	1	3	2	***	2	2	3	3	3	4	2	2	2	2	2	1	2
16 17	0	0	0	0	0	0	0	0	0	0	^	5	3	2	2	3	3	3	3	1	1	0	0	0	1
18	ő	o	0	0	0	0	ő	ō	1	1	1	Č		4	2	1	2	3	3	2	2	0	1	0	2
19	2	1	1	1	1	1	1	1	1	2	1	- 1		2	2	ŝ	2	3	2	÷	1	1	4	1	;
20	ō	i	o	o	o	o	Ö	1	1	1	2	:		2	2	3	3	3	3	з	2	í	i	i	i
21	0	0	0	0	0	1	0	1	3	2	3	2	2 2	2	2	1	*	1	1	ě	0	0	1	0	
22	o	o	õ	ó	O	ò	ő	ò	1	****	3	2		5	2	2	2	2	2	2	2	2	1	2	;
23	1	1	1	Õ	0	0	0	0	ò	2	5	2	3 2	2	3	3	3	3	3	3	3	2	2	2	2
24	1	2	Ĥ	1	1	1	1	1	1	1	1	- 1	0	0	ō	0	0	ō	o	ŏ	ő	ō	1	1	ī
25	1	0	0	0	0	0	0	0	1	1	2	- 1	1 1	2	1	2	3	2	1	1	1	0	0	0	í
26	0	0	0	0	0	0	0	0	0	1	1	-	1 1	2	3	3	4	3	3	3	2	2	2	1	1
27	1	1	3	6	4	3	4	6	3	2	3			4	5	4	5	6	4	4	4	4	4	4	4
28	3	2	1	1	0	0	0	0	0	2	2	- 6		1	4	5	2	3	2	2	3	2	1	1	2
29	0	0	0	0	0	0	0	1	1	2	2	3	3 3	3	3	2	2	2	2	2	1	1	1	1	1
30	0	0	0	0	0	0	0	1	0	1	1		1 1	1	1	1	1	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	0	0	1	1	2	2	2	2	2 2	2	3	3	3	3	3	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 2.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE

	STA	TION	- SW	NO	12015		SEWAGE	PLT	HWY	18/PR	OSPECT	W1	NDSOR			MON	тн -	JUL	76							
HOUR	1	2	3	4	5	6	7	В	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	٥	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	1	0	1	0	
2	ō	1	3	3	2	0	6	7	4	3	3	1	1	2	1	2	2	3	2	3	1	1	1	0	2	
3	ō	ò	ō	0	0	0	1	1	3	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	
4	ō	ō	õ	0	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2	2	1	- 1	1	
5	1	1	ō	0	0	0	0	5	15	5	3	3	2	2	2	3	3	3	3	3	3	2	1	- 1	3	
6	i	o	ō	0	0	0	0	1	1	2	2	3	4	3	2	3	3	3	4	2	2	1	1	1	2	
7	ò	- 1	1	O	0	0	0	1	1	2	2	2	2		2	3	2	2	2	1	1	1	1	0	1	
ė	ō	ò	ò	ō	0	0	0	0		1	1	1	2	2	2	2	2	3	3	2	1	1	1	٥	1	
9	ŏ	ŏ	ŏ	ō	ō	0	0	0	3	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	
10	ŏ	ŏ	ŏ	ō	ō	0	o	0	0	1	1	1	2	3	3	4	4	4	4	3	3	3	3	3	2	
11	3	3	3	5	6	5	8	8	7	6	6	5	5	5	6	5	5	4	4	4	3	3	3	2	5	
12	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	-1	1	٥	1	
13	1	ō	ō	ó	ò	ò	0	1	1	1	1	1	0	1	1	2	3	3	3	2	2	3	2	1	1	
14	•	ŏ	ŏ	ō	ō	ō	0	1	1	2	3	4	4	6	4	5	8	7	7	7	7	6	5	4	3	
15	3	2	ĭ	1	ă	٥	0	2	6	3	3	4	4	4	5	4	4	4	3	3	3	3	3	2	3	
16	2	2	- 4	1	1	ō	o		1	2	2	3	2	1		1	1	1	1	1	1	2	6	2	2	
17	ô	ō	ò	ò		ŏ	1	1	1	1	1	2	2	2	2	2	1	1	3	3	1	0	0	0	1	
18	ŏ	ŏ	7	5	õ	õ	o	1	4	2	2	2	2	2	3	3	3	3	3	2	1	0	0	0	2	
19	ŏ		ò	ŏ	0	0	ō	1	1		4	3	3	3	3	3	4	5	3	2	2	1	1	1	2	
20	ĭ	1	1	1	ō	ŏ	ō	1	1	2	2	2	3	3	3	3	3	2	2	2	2	1	1	٥	2	
21	1	1	٥	0	0	0	0	0	٥	1	1	1	1	2	2	3	3	3	3	4	4	3	2	0	1	
22	Ó	0	0	0	0	0	0	0	0	0	• • • •	••••	••••	****			****			****	****			••••	*****	
23														INVA												
24														INVA												
23 24 25													DATA	INVA								_	_			
26	****	****		****	****	****	****			****	• • • •		****		2	2	3	2	2	1	0	0	0	ō	*****	
27	0	0	1	1	0	0	0	0	0	0	1	2	2	2		1	1		1	1	٥	0	0	٥	1	
28	0	0	0	٥	0	0	0	0	0	1	2	2	3	2		1	2		10	1	1	1	0	0	1	
29	0	٥	0	0	0	٥	0	0	1		1	1	2	2		2	1	1	1	0	٥	0	Ü	0		
30	0	٥	٥	0	0	٥	0	0	0	o	1	1	2	3	5	5	4	5	4	3	1	1	,	0	2	
31	0	٥	0	0	0	٥	0	0	2	3	2	2	1	2	2	2	2	2	1	1	0	0	0	٥	1	
									2	2	2	2	2	2	2	2	3	3	2	2	2	1	1	1	1.5	

PERCENTAGE OF DATA VALID - 86.0 PERCENTAGE OF DATA INVALID - 14.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTAN	T - 5	SULPH	UR DI	OXIDE								UNITS	- 0	01 PA	RTS/N	ILLIO	N							
	ST	ATION	. SW	NO	12015		SEWAGE	PLT	HWY	18/PR	OSPECT	WI	NDSOR			MON	тн -	AUG	76							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 0 0 1 1 0 0 0	000010000	0 0 0 1 0 0 0 0	0 0 0 0 0 0 0	000010000	000000	110000	0 2 1 6 1 1 0 0 0	1 3 4 2 2 1 0 0 0	0	0			1 2 3 3 1 0 0 2 I NVAL		1 2 4 7 3 0 0 0 3	3 6 4 0 0 1 4	2 1 3 3 4 0 0 1 3	024330004	014230002	0 0 2 1 4 0 0 0 0	0 0 1 1 2 0 0 0 0	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		012220001
11 12 13 14 15 16 17 18 19	1 0 0 0 0 0 1 2 1 2	0 0 0 0 0 1 1 0 1	000000	000000001	0 0 0	000000	000	1 0 0 0 0 2 0 1 1	0 0 0 0 0 0 3 1 3 1	1 0 0 0 3 4	200003556	3 0 0 0 0 3 5 4 7	3 0 0 0 0 0 3 6 4 7	3 1 0	4 3 0 0 4 5 7	0 3 4 5 5	4200034565		3 2 0 0 0 2 3 3 5 5	2 1 0 0 0 1 3 2 4	2 1 0 0 0 1 3 2 3 3	2 1 0 0 0 1 2 2 3 3	2100012122	200001111221		* 100012334
21 22 23 24 25 26 27 28 29	3 3	2 1 2	1 1 2	1 1 1	0 1 1	1	0 1 1	1 1	3 2	3	8 4 1	•	DATA DATA DATA	S 5 1 I NVAI I NVAI I NVAI I NVAI I NVAI	LID - LID - LID -	*	2	7 5	1	5 4	4	3 3	5	3	*****	3
31	٥	0	0	0	0	0	2	4	5	4	3	3	5		4	4	4	3	3	3	3	2		3	50	3
145 441		•	•	0	- 0		0	1	**	2	2	2	2	3	3	3	3	3	2	2	2	1	1	1	1.	. 6

PERCENTAGE OF DATA VALID - 71.4 PERCENTAGE OF DATA INVALID - 28.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	Si	TATION	- 51	NO NO	12015	5	SEWAGE	PLT	HWY	18/PR	OSPECT	WI	NDSOF	?		MON	ITH -	SEP	76							
HOU		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7	3 1 2 3 2	3 1 2 3 2	2 1 1 2 2	2 1 1 2 2	2 1 1 2 2	1 1 2 1	1 1 2 1	3 2 1 2 2	5 2 2 4 2	3 6 5 1	2 * 3 6 5			2 3 9 5 2 1 NVAL		4 6 4	1 4 6 5 ****	1 3 4 4 ****	1 4 3 3 ****	0 2 3 3 ****	1 2 3 2 ****	1 2 3 2 ****	1 2 3 2 ****	1 2 4 4 ****		2 4 3 2
8	非非非常	****	****	***	****	***	摩班摩摩 有	***	***	****	****		***	****	****	****	4	3	3	4	4	4	9	4	***	
9	3	2	2	2	2	2	2	3	4	5	5	6	4	4	3	3	****	1	3 0 0	ó		0		0		2
10	0	٥	0	0	0	0	0	0	٥	0	1	1	2	2	1	2	2	1	0	0	0 3	3	0	0		1
11 12 13 14 15 16 17 18 19	1 2 1 2 3 0 0 1 2 2	3 0 0 0 2 2	0012200021	0 0 1 1 2 0 0 0	0 1 1 0 0 0	0 0 0 1 0 0 1 1	0 0 0 1 1 0 0 0 1	3 0 1 1 1 0 0 1 1 2	5 6 2 1 1 1 0 2 3 1	4 6 3 3 1 0 0 2 8 2	5635200241	3 4 5 2 0 0 2 4 1	4 3 5 5 2 1 1 2 3 2	3 4 5 6 1 1 2 3 2	2 3 8 7 1 1 1 2 4	4 9 5 1 0 1 3 3	2555102432	4 3 1 1 ****	2 2 2 3 1 0 1 2 2 0	5 2 2 3 1 0 1 3 2 0	8 2 2 3 0 0 1 3 2 0	4 2 3 0 0 1 5 2	4 1 2 3 0 0 1 2 2 0	3 1 2 3 0 0 1 2 2 0		3 3 1 0 1 2 2 1
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 0 1	0000000000	000000000	0000000000	00000000	1000000000	0 0 0 0 0 0	002000300	1 1 2 0 0 0 0 0 3 1 0	1 2 3 0 0 0 0 0 2 1	0 1 2 1 0 0 0 3 2	1 2 2 1 0 0 1 3 2 2	1 2 2 1 0 0 0 3 2 3	2 1 0 0 1 3 2 4	2 2 1 2 2 2 0 1 3 2 7	1 1 2 1 0 1 3 2	2 2 1 1 0 0 0 1 2 4 5	1 1 0 0 0 1 1 3 5	0 0 0 0 1 1 3 1	0 0 1 0 0 0 1 2 5 1	0 0 1 0 0 1 3 1	000000000000000000000000000000000000000	000000000	0000000011	(1 1 0 0 0 1 2 2
MEAN	1 1	1	1	1	1	0	0	1	2	2	2	2	3	3	3	3	3	2	4	2	2	- 1	4	•	4 4	-

PERCENTAGE OF DATA VALID - 89.6

PERCENTAGE OF DATA INVALID - 10.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION NO 12015 SEWAGE PLT HWY 18/PROSPECT WINDSOR MONTH - DCT HOUR 1.5 24 MEAN DAY DATA INVALID -DATA INVALID INVALID DATA INVALID - DATA UNAVAILABLE 0 2 ò Ó 0 2 13 14 15 16 17 O õ ŏ 19 o ō 22 23 24 3 2 O ō ō 0 2 MEAN 0.8

PERCENTAGE OF DATA VALID - 78.6

PERCENTAGE OF DATA INVALID - 14.2

PERCENTAGE OF DATA UNAVAILABLE - 7.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- SW	NO	12015		SEWAGE	PLT	HWY	18/PR	OSPECT	WI	NDSOR			MON	TH -	NOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 1 0 0 2 2 2 0 3	0 1 0 0 1 1 2 0 5	0 1 0 0 0 1 2 0 5	0 1 1 0 1 2 3 0 3	0 1 1 0 2 2 1 0 5	0 2 0 0 2 2 1 0 5	0 5 0 0 2 1 1 0 4	0 2 0 0 1 1 1 0 7	2 3 1 0 1 2 2 0 6 3	3 5 4 0 1 2 1 0 8	3 4 4 0 3 3 1 0 3	2 3 2 0 3 3 1 0 2 3	1 3 1 3 2 1 0 2	2 2 1 2 3 2 1 0 3	2 2 1 2 3 3 1 0 4	2 2 2 2 1 1 3	2 3 0 1 2 2 1 1 2 2	120022012	1 2 0 0 1 3 0 1 2	1 2 0 0 1 1 0 0 1	1 2 0 0 1 2 0 0 2	1 0 1 2 3 0 6	100423005	1 0 0 5 1 2 0 1 3 1	1 2 1 1 2 2 1 0 4 2
10 11 12 13 14 15 16 17	2 1 4 1 3 3 3 3	1 0 4 1 4 4 3	1 0 4 1 2 4 2	1 0 4 2 2 2 2 2 2	1 0 0 3 1 2 5 3	1 0 0 3 1 2 8	0 0 5 1 4 5 4	1 0 0 5 0 4 3 4 ****	0 2 3 1 11 6 3	6 1 2 6 3 19 12 5	5 1 2 6 2 19 7 6	2352456	4 3 2 4 2 4 6 6 6	4 2252455	3 2 3 5 2 4 4	3 1 3 5 2 3 3	2 4 6 1 3 2	1 2 3 2 1 3 2 2	1 3 4 1 5 2	1 3 4 1 10 3	1 5 1 1 1 3 3	1 2 4 1 2 7 3	2 3 1 3 6 3	2 4 1 5 6 3	1 2 4 2 6 4
19 20 21 22 23 24 25 26 27 28 29 30	93 1201000100	1 2 0 1 0 0 0 2 0 0	3 1 2 0 1 0 0 1 1 0	8 0 3 0 1 0 0 0 0	11 0 0 4 0 1 0 0 0	13 0 0 5 0 1 0 0 1 1	40000000	90 0300000000	8 0 3 0 1 0 0 1 0	4 1 2 0 1 0	63 0412301112	5 4 0 3 1 2 3 0 1 1 2 2 2	3 5 0 3 1 2 4 0 1 1 3 2	3 3 1 1 3 0 2 1 1 2	3 2 3 0 2 3 0 1 1 0 2	1 4 0 2 0 2 1 3 2	0 4 0 3 2 2 0 3 1 1 3 1	0 3 1 1 1 0 2 0 2 1	0 3 2 1 1 0 1 0 1 0	0331102020	3 1 0 3 2 0 1 0 2 0 2 0	1 0 2 3 0 1 0 1 0 2 1	1 1 1 0 0 0 0 1 0 1	0 1 1 0 0 0 1 1 0 0 1	5 1 0 3 1 1 1 1 1 1 1 1 1 1

PERCENTAGE OF DATA VALID - 96.3

MEAN

PERCENTAGE OF DATA INVALID - 3.8

2

2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE SEWAGE PLT HWY 18/PROSPECT WINDSOR MONTH - DEC STATION - SW NO 12015 17 19 20 21 22 16 8 9 10 11 12 13 14 15 HOUR 2 3 4 5 6 7 8 9 832 1 2 11 12 13 14 15 16 17 18 19 6 6 000000101 00031 000400001 Ö 0031001 0 1 0 21 22 23 24 25 26 27 0 2 0 1 28 29 5 3 31 3 1 1.6

PERCENTAGE OF DATA VALID - 99.1

MEAN

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	SW	NO	12015	SEWAGE	PLT	HWY	18/PROSPECT	WINDSOR
-----------	----	----	-------	--------	-----	-----	-------------	---------

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	3,3	20	90
FE8	29	2.2	11	48
MAR	31	1.4	5	22
APR	30	2.1	5	13
MAY	30	1.2	. 7	18
JUN	29	1.8	4	6
JUL	26	1.5	5	15
AUG	21	1.6	4	8
SEP	27	1,6	4	9
OCT	24	0.8	3	6
NOV	28	1.9	6	19
DEC	31	1,6	4	10
YEAR	331	1.7	20	90

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

PO1	LITANT	SIII DHIID	DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - SW	NO 12015	SEWAGE	PLT HWY 1	B/PROSPECT	WINDSOR		
MONTH OO	TO 04 05 T	0 10 11	TO 14 15	TO 25 26	TO 39 40	&OVER	TOTAL
JAN	531	61	7	4	3	8	614
FEB	643	40	3	1	2	3	692
MAR	718	19	0	3	٥	٥	740
APR	633	79	2	0	٥	0	714
MAY	702	23	3	1	0	0	729
JUN	667	32	0	0	0	0	699
JUL	604	35	0	1	O	0	640
AUG	485	46	0	٥	٥	0	531
SEP	598	47	D	0	٥	0	645
oct	577	8	D	0	0	0	585
NOV	632	53	6	2	0	0	693
DEC	692	45	0	O	0	0	737
YEAR	7482	488	21	12	5	11	8019

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT					CONCEN'	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
91.3	0	0.0	0.0	0.7	1.7	3.5	4.6	6.1	7.8	90	1.7

POLLUTANT - SULPHUR DIOXIDE	UNITS - 0.01	PARTS/MILLIO

	STA	TION	- sw	NO	12016	c	OLLEG	E/SOU	ITH ST	REET	WIND	SOR				MON	тн -	JAN	76						
HOUR DAY	1	2 .	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 3 3 7 3 1 4 3	1 3 4 4 11 2 1 4	2124692164	2 1 2 3 7 11 2 4 5 7	3 2 2 5 10 12 3 4	3 1 2 3 10 8 3 2 5 5	3122992537	2 1 3 5 9 12 2 5 4 3	1 2 6 7 7 2 4 15 3	2 3 6 5 3 2 3 3 1 2	2 3 2 4 5 3 2 1 20 3	2 2 4 3 3 1 2 20 3	1 3 4 3 3 1 2 12 4	1 1 3 5 2 4 1 3 14 3	1 1 2 5 5 4 1 3 12 4	1 3 5 15 3 1 1 7	323362123033	3 1 3 7 1 0 10 28 3	2 2 3 6 1 0 14 30 3	4 1 3 3 4 1 **** 9 12 3	3 2 3 4 5 2 1 23 7	1 2 3 3 5 2 0 10 6 5	1 4 3 3 9 3 1 13 5 6	1 2 3 3 7 2 1 5 3 6	2 3 4 6 5 1 5 12 4
11 12 13 14 15 16 17 18 19	7 5 2 2 0 2 1 2 2 5	7524021226	7 5 3 2 0 3 1 2 3 5	4 4 5 2 1 5 2 2 3 3	4 3 5 3 0 2 2 3 3 3	3 3 5 2 0 2 1 4 3 4	3 2 2 1 - 1 2 3 5	2 4 1 3 0 3 1 3 3	2 5 1 3 0 2 2 4 3 5	2 8 2 2 4 3 4 3 6	2 10 2 2 0 4 3 5 3 5	2334042635	2 2 2 3 0 5 2 5 3 4	2 3 2 0 5 1 5 3	3 6 2 1 1 3 1 5 3 2	3 6 3 0 1 3 2 4 3 5	3 2 3 0 1 4 2 6 4 3	3 **** 0 1 1 2 8 4 8	4 1 9 0 1 1 2 8 4 12	4 1 5 0 1 1 2 5 2 5	4 1 4 0 1 2 2 3 4 4	5 1 4 0 1 1 2 3 28 5	9 0 2 1 2 3 20 6	3 2 6 0 2 2 3 2 6 6	4 4 4 2 1 3 2 4 5 5
21 22 23 24 25 26 27 28 29 30	3 4 1 3 3 1 2 4 5	2 4 1 4 3 1 2 3 3 0	2 3 1 5 3 1 2 3 4 2	2 3 1 4 2 2 3 2 5 1	3324263241	6 3 2 3 3 3 3	5 1 3 2 2 4 2 2 1	5 4 1 2 2 4 5 2 1 1	4 2 1 2 2 - 4 3 1	6 1 2 2 4 - 5 5 2	4 2 4 2 8 5 3 7	B 2 3 2 6 4 2 3 5 2	3 1 5 3 4 4 2 3 3 3	6 1 5 5 4 3 3 2 2 3	8465322334	6248332334	5 2 4 5 3 3 2 3 2 3 2 3	5 4 3 3 3	6 1 4 4 2 2 2 2	3 1 3 3 3 4 3 3 2 1	2 2 2 4 2 3 3 3 1 1	23234522	2 1 2 3 2 6 2 6 3 3	2 1 3 4 1 3 4 5 1	4 2 3 4 3 3 3 3 2 2
31 MEAN	2 3	1 3	1 3	1	. 3	1	1 3	2 3	3	3 4	3 4	3 4	3	3	4	4	4		3 5	2 3	2 3	3 4	4	3	2 3.5

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTANT	- S	ULPH	UR DIO	XIDE								UNITS	- 0.	01 PA	RTS/N	ILLIC	N						
	ST	ATION -	SW	NO	12016		COLLEGE	E/\$0	UTH S	TREET	WIN	DSOR				MON	тн -	FEB	76						
HOUR DAY	Í	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	4	3	2	2	4	4	3	2	4	2	3	3	1	1	1	1	3	2	1	1	1	4	2
2	6	4	2	2	2	2	2	2	3	3	9	9	3	4	8	5	10		****	33	11	21	7	5	7
3	2	2	5	4	1	1	2	1	4	13	4	3	1	2	3	6	9	4	3	2	2	2	2	4	3
ă	6	6	6	6	6	5	6	4	4	2	3	4	2	2		3	2	1	1	1	2	2	1	1	3
2	ĭ	ĭ	1	1	1		3	2	2	2 2 3	2	1	2	3	2	2	2	2	4	2	1 =	•	2	2	2
6	2	3	à	2	2	2	3	4	3	3	3	3	2	2	3	2	2		5	5	5	5	5	7	3
2	-	ř	4	4	5	4	5	- 1	2	2	2	2	3	3	2	2	2	2	3	3	4	7	9	6	4
é		ž	2	5	5	5	4	7	4	4	4	5	3	4	3	4	2	3	4	4	1	2	2	1	4
9	۰	•	2	4		3	1	4	7	1	•	5	3		4	3	2	2	2	2	2	2	3	3	2
	3	3	3	6	6 5	3	2	2	4	À	3	3	4	3	2	2	2	2	1	2	4	4	3	2	3
10	3	3	3		5	3	-	-	-	- 1	~	-	-	•	=	_	-	_		_					
11	1	1	1	1	1	1	0	1	3	3	2	3	4	2	2		2	3	2	2	3	4	5	5	2
12	6	i	1	- 1	1	2	1	1	0	1	4	3	3	6	4	3	3	2	1	3	4	3	1	2	2
13	3	<u>.</u>	À	,	2	3	2	4	3	3	2	2	2	1	1	1	1	0	1	1	1	0	1	1	2
14	7	1	1	2	2	3	3	3	3	2	1	2	2	2	1	2	****	1	1	1	1	1	1	2	2
15	2	غ خ	ė	2		2	2	3	2	1	1	1	2	2	3	3	3	3	3	3	5	4	4	2	3
15 16	- 7	7	7	2		3	ō	0	0	0	O	0	0	****	****	****		1	1	****	****	0	0	0	1
17	ò	2	2	3		2	4	3	3	2	2	****	2	4	4	5	7	4	2	2	2	****	2	2	3
18	•	2	2	2	2	5	1	ŏ		ō	ō	2	2	2	2	2	4	3	3	3	****	****	3	4	2
19	4	2	5	4	3	3	3	2	2	2	2	4	3	3	2	4	3	3	3	3	3	3	3	4	3
20	7	10	7	2		1	5	2	7	2	4	2	2	2	2	4	4	1	0	0	0	0	1	1	3
20		10					-	_		-															
21	2	3	2	2	1	1	Ĭ	0	0	****	****	****	1	1	1	1	0		2	1	****	****		٥	1
21	****	1	1	1	1	1	2	1	1	1	0	1	1	1	-		٥	i .	1	0	٥	0	0	٥	1
23	1	****	1	1	1	1	3	6	3	3	6	5	1	1	4	4	4	-	2	3			1	2	3
24	i	2	5	5	3	3	2	2	1	2	2		4	2	3				2	2			2	2	3
25	2	3	4	3	2	2	2	3	3	4	3	4	4	3	3		•	3	3	3	4	3	****	3	3
25 26 27		ă	3	2		2	2	4	3	0	2	4	4	2	5	4	4	4	3	3	2	3	3	5	3
27	3	4	3	7		4	3	2	1	3	4	4	5	8	6	5	4	3	3	3	3	3	4	4	4
28	6	5	3	3		4	4	2	2		2		2	2		2	2	2	2	2	1	2	2	2	3
29	2		2	2	3	3	4	5	5	3	4	4	3	3			3	2	2	1	1	1	2	1	2
29	-	-	4	-	3		-	•	-	-			-		-										
MEAN	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 3.3

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"- " INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST.	ATION	- sw	NO	12016	5	COLLE	GE/SO	UTH S	TREET	WIN	DSOR				MON	тн -	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	**** 0 0 1 3 2 2 1 1	2 2 1 2 2 2 1	2 2 2 2 5 3 - 2 1	222232211	2 1 1 1 3 3 2 1	2 0 **** 1 0 3 3 3 1 1	1 0 0 0 1 3 2 2 1 1	3 0 **** 0 2 2 4 3 1 1	3 0 **** 1 4 1 3 2 1 2	4 0 **** 1 5 2 2 2 1 3	5100822123	4 0 1 0 5 2 2 2 2 2	5012522333	4 **** 1 3 - 2 5 2 2	5022322331	6030300003	5 22322226	5 - 2 2 3 2 2 2 2 5	2 1 1 1 3 1 1 3 1 3	0 1 1 2 1 4 2 1 2	0 1 1 1 2 1 7 1 ****	1 1 1 1 2 2 6 1 1	0 1 7 1 2 4 5 1 2 3	0 - 1 2 - 4 2 1 1 5	3 1 2 1 3 2 3 2 2 2 2
11 12 13 14 15 16 17 18 19 20	3 1 3 2 3 1 8 1 3 5	2 3 2 3 1 1 1 3 4	2 3 1 6 2 10 0 3 2	3323923222	2 **** 3 2 5 2 2 1 3 2	3 2 2 2 2 1 1 1 2 2	2 1 3 2 1 1 2 2 2 2	3 0 2 1 1 1 0 2 2	3 0 2 1 1 1 2 0 2 2	3 0 2 2 1 3 4 0 2	3 1 2 2 1 6 4 1 3 1	0 2 2 1 7 2 3 3	1 2 3 1 3 1 4 3 3	1 2 1 4 1 4 4 2	**** 2 4 3 1 4 1 5 4 2	**** **** 5 2 1 2 1 3 3	1 2 6 2 2 4 1 2 3 3	2 2 7 2 2 2 2 1 2 2	2 1 7 2 1 1 1 1 2 2	1 3 2 1 1 0 1 2 2	1 3 2 3 1 5 0 1 2	1 3 2 4 2 4 2 2 2 2 2	1 2 2 3 1 17 2 2 3	1 2 2 3 2 1 5 5 3 3 2	2232243232
21 22 23 24 25 26 27 28 29 30	2612213125	3622212223	2 - 2 3 2 1 2 2 1 2	2 6 **** 2 3 1 2 1 1 2	2 18 **** 2 4 0 2 2 1	4 7 **** 2 7 0 3 4 1	3 2 **** 2 4 1 2 4 1 2	2 2 **** 3 2 1 2 1 1 1	2 5 **** 4 1 2 2 1	**** - **** 5 4 1 1 2 2 1	2445322312	1 4 3 4 3 4 2 2 2 3	1 2 5 6 3 4 3 2 2 2	1 2 6 4 3 3 2 2 3 3	1 3 4 5 4 2 - 2 3	1 4 3 4 3 1 3 5	1433331226	1 3 4 6 2 3 1 2 2 3	1 3 3 5 2 3 1 2 2 4	2 1 2 3 2 2 2 3 3	2 1 2 3 3 2 2 1 3 2	7 1 2 3 1 **** 1 1 2 2	4 1 2 3 1 3 2 1 2 2	2 2 2 1 2 2 1 3 3	2 4 3 3 3 2 2 2 2 2 3
31 MEAN	3 2	2 3	3	3 2	3	2	2	2	2	3 2	2	2	3	3 3	2	3 3	2 3	2 3	2 2	2	1	1	1 3	1 3	2.3

PERCENTAGE OF DATA VALID - 94.8

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3, "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR MONTH - APR HOUR 24 MEAN DAY 0 0 3 0 0 1 ... 4 3 3 1 12 13 14 15 16 17 18 19 20 3933. 22 23 24 25 26 27 28 29 30 3 2 1 2 3 MEAN 2.4

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 2.1

PERCENTAGE OF DATA UNAVAILABLE - 0.8

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- SW	NO	12016	c	OLLEG	E/SOU	TH \$1	REET	WIN	DSOR				MON	TH - 1	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	1	2	2	1	1	1	1	2	2	2	2	2	1	2	3	0	1	1	1	0	0	0	0	2	1
2	1	2	1	0	0	2	1	1	2	2	1		٥	٥	- 1	1	1	1	3	1	2	1	1	*	3H 3H
3	2	3	1	2	1	1	0	1	1	0	1	1	1	2	2	2	2	1	1		- 1	- 1		2	1
4	2	2	2	1	3	4	5	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
5	2 2 2 0	1	2	3	2	O	1	1	1	1	1	٥	0	0	0	0	Ţ	٥	1	3	2	2	2		1
5 6	2	1	1	1	2	1	1	1	1	1	****	1	1	1	1	1	****	- 1	1	0	0	0	0	0	3
7	ā	0	0	1	1	0	0	0	٥	1	1	1	0	1	1	0	O	1	1	1	1	1	3	2	1
B	2	2	2	1	3	2	1	1	1	1	1	1	1	1	2	2	1	1	2	2	3	5	4	1	2
8		2	2	3	2	1	1	2	2	2	2	2	2	2	2 2 3	2	3	2	2	2 3	3	5 2 2	2	2	2
10	3 •	***	1	1	1	1	1	1	2	2	3	3	2	2	3	2	2	3	3	3	2	2	3	3	2
11	5	4	3	1	2	1	Ť	2	2	1	1	-	****		1 -	1	1	1	1	1	1	3	1	0	2
12	ō	1	2	1	1	4	2	2	3	2	1	2		2	2	3	3	3	3	2	1	1	1	0	2
13	1	1	1	0	1	1	2	2	1	2	2	2	3	3	2	2	2	3	3	2	2	1	2	3	2
13 14 15 16	3	2	2	2	1	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	1	1
15	ĭ	ō	ō	ō	ó	Ó	٥	0	0	0	0	0		0	1	1	1	1	1	1	1	1	1	1	0
16	5	ĭ	2	1	1	1	1	2	1	1	1	2			1	3	2	1	2	1	1	1	1	2	2
17	****	À	2	1	2	1	2	1	2	3	3	2	3	2	1	1	1	1	1	1	1	1	1	1	2
18	2	1	1	1	1	2	1	1	1	1	1	2		2	3	1	3	2	2	1	1	1	0	2	1
19		ò	- 1	5	Ö	ō	4	1	3	3	2	2	1		1	2	3	1	****	1	1	2	3	2	2
20	0 5	4	4	6	6	5	9	5	3	3	4	3	2	2	2	2	3	2	2	4	3	5	2	3	4
20											_	-					2	2	3	8	3	1	1	1	4
21	4	5	10	2	1	10	14	6	3	1	2	2	2	1	2	1	2		3	ő	0	ò	÷	ò	7
22	0	٥	0	0	0	1	2	0	1	1	0	1	3		1	2	2	2	1	1	•	1	- 1	ĭ	i
23 24 25 26 27	0	0	0	0	0	0	2	5	3	1	- 1	1		3	2	5	2	2	3	2	2	1	э	- 4	,
24	1	1	1	2	0	1	1	1	2	1	_ 1	2	_	2	2	3	2	2	4	2	2	1	2	i	2
25	2	2	2	2	2	2	1	3	1	3	2	2		1	2	3	- 4	2	2	- 1		2	ō	ò	2
26	2	1	2	2	3	3	8	3	2	2	2	****	****	2	3	3	7	2	1	1			1	7	5
27	1	1	0	0	0	0	1	2	4	6	7	3		1	1	1	- 4	3		1		2	2		2
28	1	1	1	2	2	1	1	2	2	3	3	C		2	2	3	3	3	2	2	1			ò	
29	1	1	1	1	1	1	2	1	0	1	1	1	2	2	2	2	2	1	2	1	1	2	à	ĭ	1
30	0	1	0	1	0	1	0	1	0	2	1	1	1	2	2	2	1	2	3	2	1	2	u		(1)
31	2	1	1	2	1	1	• • • •	1	0	2	0	,	٥	3	1	3	3	3	2	2	3	1	2	6	2
							122	- 21	122	_	-					-	2	2	2	-		4	1	1	1.6

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	t - s	ULPH	UR DIO	XIDE							Ļ	JNITS	- 0.0	1 PAF	RTS/M	ILLION	4							
	STA	TION	• SW	NO	12016	i	COLLEG	E/SOL	TH ST	REET	WIN	DSOR				MONT	гн - т	JUN	76							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	63 15 4 1 2 6 0 5 4	8263124032	3 4 2 1 5 9 14 2 2	4 2 3 3 0 2 10 6 2 2	4 2 3 2 3 1 3 0 9 2	3 3 2 0 3 12 1 6 1	2321087134	2323156134	2 5 2 3 2 7	3354245243	6 2 3 4 2 3 4 2 4 6	5 5 5 5 3 1 3 4 3 3 3	222323024	3 2 5 2 2 5 4 1 3 4	3 3 3 3 3 3 1 2 6	2253273243	2232222254	4 4 3 2 2 2 2 2 5 2	2452341242	1 4 3 1 2 5 0 2 3 2	1 1 2 3 1 2 4 2	1 2 3 0 2 3 1 4 4 2	3 2 2 2 1 5 2 3 2 3	2 4 2 1 1 5 0 1 2 4		3 4 2 4 4 2 4 3
11 12 13 14 15 16 17 18 19 20	4 0 3 1 0 3 1	3 0 3 3 0 1 1 0 0	4504311100	2 1 0 4 0 1 1 0 0 0 0	1 0 4 1 2 0 0 0 0	2003021100	2 1 0 3 0 2 6 1 0 0	2 1 0 3 0 1 0 0 0 0	2 1 2 4 2 2 1 1 2 0	1 0 2 4 2 2 2 1 0 0	1 0 6 1 2 2 3 1 0 0	3 0 6 2 3 2 3 2 3 2	3052323200	3053222200	8 4 1 2 2 1 1 0	0 5 1 2 2 2 1 0	052222100	2 0 5 2 2 1 3 1 0 0	2 0 4 1 2 2 1 0 0	8 0 4 2 2 1 2 1 0 1	2 0 3 4 3 3 1 1 0 1	0 4 2 2 9 1 0	0 0 4 1 1 3 1 0 0 0	0 4 0 1 3 1 0 0 0		213222100
21 22 23 24 25 26 27 28 29	0 0 2 2 1 1 3 3	0 0 2 3 2 1 4 2 1 1	0 0 1 2 1 1 3 2 1 1	0 0 1 2 1 1 2 3 1 1	0 0 1 2 1 0 3 2 1 0	0 0 1 1 2 1 3 1 1 0	0 0 1 1 1 1 4 1 1	1 1 2 1 1 3 2 1 2	1 3 2 1 - 3 3 1 3 1	1 2 3 1 . 3 2 3 3 0	1 1 2 0 1 2 3 2 3 1	1 1 1 2 3 2 3	1 8 2 1 1 2 2 1 1 2	5 1 1 1 3 3 1 0	1 2 3 3 5 1	1 1 2 1 2 4 3 5 1 1	1 1 20 2 3 3 3 1 1	1 20 24 4 3 1 1	0 1 2 0 3 3 3 2	0211233220	0 1 1 3 2 3 3 1 0	1 2 1 1 3 2 - 3 0 0	3 2 2 1 3 2 2 2 2	1 2 2 1 3 2 4 1		1 1 2 1 2 2 3 2 1 1
MEAN	2	2	3	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2.	1

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.8

- -- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

HOUR 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN 1 0 1 0 0 0 0 **** 1 0 1 1 1 3 2 1 2 1 0 1 1 1 0 0 1 2 1 2 0 1 3 2 2 1 1 3 3 3 2 2 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		STA	TION .	SW	NO	12016	3	COLLE	GE/SC	S HTUC	TREET	WIN	NDSOR				MON	TH - 4	JUL	76							
2		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
12	2 3 4 5 6 7 8 9	0 1 1 2 1 1 0	0	3 1 1 1 0 1 1 0	2 1 1 0 1 1 1 0	2 1 1 0 0 0 1 0	1 5 1 0 0 0	3 1 0 0 1 0	3 0 1 3 0 2 1 2	1 1 2 1 2 1 ****	2 2 0 1 3 2 1	1	0 1 1 **** 3 2 1 0	1 0 1 5 2 1 0	2 1 2 2 0 0	1 0 1 1 6 2 1	2 1 2 1 1	1 2 2 2 2 0 1 0	2 2 1 2 2 1 1 0	2 2 2 4 0 1 0	1 3 1 1 1 1	1 3 1 1 1 0	1 3 1 1 1 1	1 1 2 0 0	1 2 1 1 0 -	1 2 1 1 2 1 1	
22 0 0 0 0 1 0 **** 0 0 0 0 0 0 0 0 1 0 0 0 0	12 13 14 15 16 17 18	2 4 6	5	7 3 0	5 7 13 2 0	8 5 1	1 4 5 0	1 3 4 0 5	1 1 3 1 8 3	1 4 2 0 10	3 2 0 8 2	4 0 3 2	1 1 - 4 2 1 2	2 1 3 4 2 0	1 3 4 3 0 0	2 2 3 4 1 1 2	3 0 1 1 2	3 1 0 2 2	3 2 3 0 0 2 4	3 3 3 **** 3 2 2	3 2 3 1 0 2	5 2 2 0 1 1	2 2 2 0 0 0 1	1 2 3 0 0 0 2	1 2 4 0 0 0 1	3 1	
	22 23 24 25 26 27 28 29	0 0 1 0	000000000000000000000000000000000000000	0 0 0 0 - 1 0	1 0 0 0 0 - 1 0	0 **** 0 0	0 0 0	0 **** 0 0 0 - ****	0 **** 0 0	1 0 1 0 0	0 0 0 2 1 1	0 **** 0 0 2 1 1	0 0 0 4 1	0 1 0 3 1 3	1 0 0 0 3 2	0 0 0 4 2 1 1	0 0 0 1 3 2 1 0	0 1 0 3 1 1	0000321	1 0 0 1 3 1	0 0 0 0 3 2 1 0	0 0 0 0 2 1	0 1 0 2 1 1	00012400	0 0 0 2 1 0	0 0 0 0 2 2 1	
									_	_														1			

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 6.5

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

COLLEGE/SOUTH STREET WINDSOR MONTH - AUG STATION - SW NO 12016 24 MEAN HOUR DAY 2 3 4 5 6 7 8 9 0 0 0 1 1 0 1 2 1 034120* 0 0 1 0 0 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 30 1 1 0 1 0 0 0 1 5 8 0 0 1 0 5 2 1 4 4 2 2 0 0 0 1 0 0 1.2 MEAN

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	ST	ATION	1 - SI	I NO	12016	i	COLLE	GE/SC	OUTH S	TREET	WIN	DSOR				MON	TH -	SEP	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	3 0 1 4 0 1 0 2	3 0 1 3 0 0 0	1 3 0 0 0	1 3 0 0 0	0 3 0 0 1 1	0 3 0 0 0	2 2 0 3 0 0 0 2	5 0 0 2 0 0 2 8	4 0 3 2 0 0 1 7	1 0 6 4 0 0 2 8	203200192	1 0 3 1 0 0 1	1 0 5 1 0 1 2	0 0 8 1 1 1 6	0 0 6 1 0 1	0 1 3 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 2 1 0 2 1	0 **** 2 0 1 2	0 4 2 0 1 5	0 2 3 3 1 0 4	0 1 3 2 1 0 3 3	1 3 1 0 0 3	1 4 0 0 0 0 3	1 5 0 0 0 0 2	1 1 3 2 0 0 2
9 10	0	0		0	2	0	0	0		****	2	ī	ō	1	1	0	0	1	1	0	٥	1	3	4	1
11	3	4	3	3	3	3	4	2	1	2	1		1	0		0	1	1		1	2		****	****	2
13	****	****	****	****	****		****	****	2	1	1	4	3	4	6	5	4	2	2	2	1	1	2	2	3
14	3	3	2	2	1	2	1	****	0	1	2	2	4	4	4	3	3	2	2	2	1	1	1	1	2
15	3	2			0	0	0	****	****	0	0	0	0	1	****		0	0	****	0	0	- 1	1	0	0
16	ō	ō	ō	0	0	0	0	0	0	0	-	3	3	3	2	1	0	1	1	1	0	0	1		1
17	1	1	1		1	1	1	0		2	3	4	3	4	0		1	0	1.	0	0	0	1	1	1
18	1	2	2	2	5	2	2	3		2	2	1	2	1	2	2	2		2	1	1	1	_ 1	1	2
19	1	- 7 T	1	1	2	2	2	3		4	4	3	2	2	2		3	2	3	2	2	2	2		
20	2	2	2	2	2		3	2	1	1	2	1	2	2	2	1	1	0	0	0	1	0	1	0	- 1
21 22 23 24 25 26 27 28 29 30	1 0 0 0 1 1 1 6 3	2 ***** 0 0 2 1 1 1 6 3	011000000000000000000000000000000000000	0 2 1 0 3 1 1 1 0 0 1 1	2 3	2 0 1 0	3 3 0 2 0	3 0 2 0 1	3 0 2 0 0 0 4 3	0 1 0 3 2 4	1 0 1 0 2 0 0 1 2 3	0 1 3 3		0 1 3	0 1 2 2 0 0 1 3	1 1 3 0 0 1 3 7	0 0 3 6	1 2 1 1 1 0 0 3	0	0 1 0 0 3	3 0 0 0 0 0 2 1 4 2	3 0 0 0 1 0 1 3 3 2	0 0 1 0 1 6 2	1 7 2	1 0 1 0
MEAN	1	1	,	- 1		ı		-	. 2	-	•		_	_	-	_									

PERCENTAGE OF DATA VALID - 88.8 PERCENTAGE OF DATA INVALID - 10.4

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3, ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PC	OLLU	TANT	• S	ULPH	IUR DI	OXIDE							,	JNITS	- 0.0	D1 PAI	RTS/M	LLION	٧						
	S1	TATI	ON -	SW	NO	12016	5	COLLE	GE/SO	UTH S	TREET	WIN	DSOR				MON	тн - с	CT	76						
HOUR DAY	1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6 7 8 9	1 0 1 2 2 1 1		1 0 0 1 2 2 1 1 3 0	1 0 0 1 2 2 1 0 1 0	0 0 1 0 2 2 1 1 0 0	0 0 0 2 1 1 0 0	0 0 2 2 1 1 0 1	0 0 0 1 2 1 1 0 2 2	0 0 0 - 1 0 3 0 3	3 0 1 0 1 1 0 2 0 1	1 0 4 1 2 1	4 1 4 1 - 1 0 1 0 4	2 2 3 3 4 0 2 1 0 2	2 2 2 4 3 0 1 1 0 2	1 1 3 5 3 0 1 3 0	2 2 4 3 0 3 0 0 1	2 2 2 5 3 0 3 0 0 0	2 2 2 5 3 2 0	1 2 2 6 2 0 1 0 0 0	1 1 2 4 2 0 0 0	1 1 2 4 2 0 0 0 1 0	1 1 4 3 0 0 0 1 0	1 1 4 3 1 0 0 2	0 0 1 3 2 1 1 0 1	00032020	1 1 3 2 1 1 1
11 12 13 14 15 16 17 18 19 20	0 0 4 1 1 4 - 3	3	013223.403	0 1 5 3 3 0 - 5 1 2	0 1 4 1 3 0 - 5 0	0 1 2 1 3 3 - 4 0	1 1 3 0 0	1 2 1 3	0 1 2 1 4 1 1 2	0 1 6 4 1 0 3	1 1 6 2 5 1 0 1	4 1 3 2 2 0 0 1	3 1 3 1 1 2 1 -	2 1 3 2 2 1 1 0 - 2	1 2 2 1 0 3	3 2 1 1 0 - 1	2 2 1 1 1 0 - 1	3 3 1 1 1 1 0 . 2	1 2 1 1 1 1 0 1 5	1 2 0 1 3 1 1 0 1 2	0 1 0 1 0	1221000041	1 4 2 2 1 0 0 2 1	1 3 1 3 2 1 0 3 4	0 3 1 2 2 2 0 3 3 3	1 2 2 2 1 1 2 1 2
21 22 23 24 25 26 27 28 29	222200110000000000000000000000000000000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 1 0 1 0 0 2 2 2 2	2 3 2 0 1 0 0 5 4 2	1 3 2 0 0 0 0 3 4	4 4 0 0 1 0 2 3	3 5 0 0 0	4 2 0 0 1 1 0 0 0 4	4 0 0 0 2 1 0 5	2 4 0 0 1 2 2 2 2 5 2	6 0 1 3	1 2 1 0 7 0 - 3 3	2 1 2 1 0 0 2 3 2	3 0 1 1 0 0 0 2 3 3	1 6 1 0 0 3 1 5	0 1 1 0 0 0 0 3 1 4	1 2 1 0 0 0 0 3 3 2	0 2 1 0 1 0 5 4	1 2 0 1 0 1 0 3 0 1	1 4 0 0 0 - 1 3 1 0	3000.0300	2 2 0 0 1 1 3 0 1	3 2 0 0 1 0 3 4 1	250010152	500000000000000000000000000000000000000	2 3 1 0 1 0 0 3 3 2
31	-0	0	1	0	0	0		0	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0
MEAN	1	1	1	2	1	3	. 4	1	2	2	2	2	2	1	2	1	1	2	1	1	1	1	1	2	1	1.4

PERCENTAGE OF DATA VALID - 95.0

PERCENTAGE OF DATA INVALID . 1.6

PERCENTAGE OF DATA UNAVAILABLE - 3.4

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	NOIT	- SW	NO.	12016	С	OLLEC	E/SOL	JTH ST	REET	WIND	SOR				MONT	H - 1	10V	76						
HOUR DAY	3	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	2 0 1 1 3 3 1 2 6 4	2 0 1 1 3 2 2 3 7 1	2022232261	1 1 **** 3 4 3 1 6 3 1	2 1 **** 2 3 3 1 3 6 2	2 3 4 3 3 3 1 3 6 2	1 4 2 1 2 2 1 6 7 3	1 1 2 2 2 1 4 7 4	4 4 2 1 4 2 0 1 7 3	6 7 7 1 3 2 0 8 3	4 3 6 2 1 3 1 1 1	2 2 1 1 2 3 3 1 3	0 2 2 3 1 2 1 3 3 1	1 1 1 4 0 2 1 2 3 2	1 2 2 - 2 2 3 1 3 2	1 2 2 2 2 2 2 2 2 6 3	1 3 3 1 1 4 2 1 3 3	0 3 4 1 4 5 2 1 4 3	0 3 2 0 2 7 3 2 3	1 4 2 0 0 3 2 0 3 1	1 8 2 2 1 5 2 1 2	0312343282	0 1 1 2 2 3 1 4 1	0 1 1 2 2 1 3 4 2 0	1 2 2 2 2 3 2 2 5 2
11 12 13 14 15 16 17 18 19	1 0 3 5 2 2 3 1 7	2 0 5 5 2 4 3 0 10 3	4 0 5 4 6 7 2 4 8 2	1058533482	5 1 4 4 6 2 4 6 5 2	5044574242	6 1 4 5 8 5 4 *** 3 6	11 3 6 3 7 9 3 1 7 5	7 6 6 3 9 1 3 3 9 3	6 1 3 4 7 23 5 1 8 5	2 1 3 4 11 19 - 1 3 5	2 1 2 2 5 1 4 6 2 1 5	1 1 2 3 4 6 7 **** 1 2	1 1 2 2 3 4 5 2 0 2	1 1 1 1 6 3 3 1 2 2	2122423012	2211221111	222:323121	2 1 4 1 2 1 2 1 1 2	3 2 4 2 2 2 2 2 1 1	2 1 5 4 3 2 4 1 2	2646222131	0249521111	2 2 4 4 3 2 0 5 2 3	3 2 4 4 4 5 6 3 2 4 3
21 22 23 24 25 26 27 28 29	1 2 4 2 2 3 1 2 2 2	2 2 3 2 5 4 1 1	2 1 2 2 3 1 1 3 2	3 6 2 4 2 3 1 1 3 2	2 4 3 3 2 2 1 1 2 2	1 4 3 2 3 1 1 2 4 1	5442321132	6432222022	1 5 3 2 2 2 3 0 2 2	0322312043	2 1 3 4 4 1 3 1 2 3	2 1 3 3 0 4 1 1 2	0 1 2 2 3 0 3 1 2 2	0223305122	1 2 3 3 2 0 3 1 3 2	2 2 3 2 1 1 2 2 3 2	1 2 3 3 1 1 3 1 2 2	2 3 3 1 1 2 3 2	2 4 3 0 0 1 1 3 2	1 3 3 3 1 1 1 2 2 3	4 1 2 2 0 2 1 2 3 4	1332202344	2532203044	1 4 3 2 1 1 3 2 4 2	2 3 3 3 2 1 2 1 3 2
MEAN	2	3	3	3	3	3	3	4	4	4	3	3	2	2	2	2	2	2	2	2	2	3	2	2	2.6

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - SW NO 12016 COLLEGE/SOUTH STREET WINDSOR MONTH - DEC HOUR 13 14 15 24 MEAN DAY 0 2 12 13 14 15 16 17 18 3 4 2 1 22 23 24 25 27 28 2.1

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 1.9

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - SW	NO 12016 COLLEGE/SO	OUTH STREET WINDSOR		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.5	12	31
FEB	29	2.7	7	33
MAR	31	2.3	4	18
APR	30	2.4	4	12
MAY	31	1.6	4	14
JUN	30	2.1	4	15
JUL	29	1,1	3	13
AUG	29	1,2	4	В
SEP	27	1.4	3	9
ост	31	1.4	3	7
NOV	30	2.6	6	23
DEC	31	2.1	4	10

2.0

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

359

POLLUTANT - SULPHUR DIOXIDE

YEAR

UNITS - 0.01 PARTS/MILLION

33

POLLUTANT - SUL	PHUR DIO	XIDE			UN	1175 - 0.01	PARTS/MILLION
STATION - SW	NO 12016	COLLEG	E/SOUTH	STREET WINDS	OR		
MONTH OO	TO 04 0	5 TO 10 11	TO 14	15 TO 25 26	TO 39 40	&OVER	TOTAL
JAN	578	131	11	6	5	٥	731
FEB	596	67	2	1	1	0	667
MAR	649	52	1	3	0	0	705
APR	613	78	8	0	0	0	699
MAY	705	22	1	0	0	0	728
JUN	648	53	2	1	٥	0	704
JUL	655	18	1	0	٥	0	674
AUG	669	38	0	0	o	0	707
SEP	613	26	0	0	0	0	639
OCT	682	25	0	0	٥	0	707
NOV	625	82	4	2	0	0	713
DEC	650	68	0	0	o	0	718
YEAR	7683	660	30	13	6	0	8392

FREQUENCY DISTRIBUTION BY PERCENTILES
PERCENT
OF DATA
VALID MIN 10 CONCENTRATIONS
FREQUENCY DISTRIBUTION. PERCENT
50 70 90 95 ARITH 98 MAX 30 99 MEAN 2.0 95.5 0 0.0 0.4 1.2 2.0 3.8 4.9 6.7 8.4 33

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- \$W	NO	12032		MORTON	DOCK	BED	FORD/	OJIBW	AY I	VINDSC)R		МО	NTH -	JAN	76							
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	1 1 1 0 9 2 2 2 1	1 1 1 0 12 1 4 2	2 1 1 1 0 1 2 5 2 2	2 1 1 1 0 11 **** 2 2 2 2	4 2 1 1 0 13 **** 4 2	2 1 1 0 1 10 **** 4 1 2	3 1 1 0 1 11 **** * 2 1 2	2 1 1 0 1 15 *** * 1 1 2	1 2 1 0 2 11 ***	1 3 1 0 2 5 ****	1 3 1 1 2 4 **** 4 2 2	1 2 2 **** 1 4 3 4 2 3	1 2 1 **** 1 4 3 ****	1 1 1 **** 2 3 3 2 2 4	1 1 1 **** 3 4 4 1 1 5	**** 3 3 1	1 **** 7 3 4 1	5 1 1 **** 8 2 4 1 1	4 1 1 **** 7 2 3 1 1 3	6 1 1 **** 6 2 3 1 1 4	3 1 1 0 8 2 2 2 1 4	1 1 0 6 2 2 2 1 4	1 1 1 0 9 3 2 2 6	1 1 1 1 1 9 3 2 2 2 1 6	2 1 1 ****** 3 6 3 2 2 2 3	
11 12 13 14 15 16 17 18 19 20	7 3 2 3 3 1 1 5	8 3 2 3 1 1 3 0	7 3 1 3 2 4 1 3 0 2	4 3 3 2 3 5 1 4	4348381311	4 3 4 2 1 1 2 2 1 1	3 2 2 1 1 2 1 2	23112211	2 3 1 2 0 1 3 1 1	1 3 1 3 1 3 2 1	1 3 1 2 1 3 2 3 1 1	1 2 1 1 1 2 3 3 1	1 2 **** 2 2 3 2 4 2 1	2 2 **** 1 2 3 2 4 2 1	2 5 **** 1 3 2 4 2	8 **** 2 1 2	2332133631	3 0 3 2 1 5 4 8 3 1	3 1 10 2 1 6 2 4 2 1	3 1 6 3 1 4 2 3 1	3 1 5 3 1 3 2 1 1 1	3 1 5 4 1 5 3 0 1	3 1 2 4 1 3 4 0 2	4 1 2 4 1 2 5 1 2	3 3 2 1 3 2 3 1	
21 22 23 24 25 26	1 2	1 2	1 3	1 2	3 3	5 3	6 3	4 2	1 2	2 4	3		A **** DATA DATA DATA DATA	I NVA I I NVA I I NVA I	ID -	3 ****	 ****	3	3 ****	3 ****	3	3	4 ****	2	3 *****	
27 28 29 30	**** 1 2 1	O 1 1	1 2 1	1 2 1	1 2	1 2	1 3 1	1 4	*** 3 2 1	**** 5 2 1	11 2 1	**** 3 2 1	1 3	2 2 ****	**** 3 2 5	**** 5 2 4	1 4 2 10	2 3 2 3	2 2 2 4	3 2 1	3 2 2 1	2 2 2	2 3 1 4	3 2 1 3	****** 3 2 2	
31	2	1	1	4	1	1	1	2	3	3	4	3	2	2	3	2	2	2	2	2	2	3	2	2	2	
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	3	3	3	2	2	2	2	2	2.4	

PERCENTAGE OF DATA VALID - 79.8

PERCENTAGE OF DATA INVALID - 20.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LESS THAN 2/3 VALID DAYA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- \$	ULPH	UR DIO	XIDE							i.	NITS	- 0.0	O1 PAR	RTS/M	ILLIO	ч						
	STA	TION -	SW	NO	12032		MORTON	DOCK	BEDF	FORD/C	JIBWA	Y W	INDSOR	t		MON	rH - 1	FEB	76	•					5)
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	2313142232	2423122222	3323032232	2 3 1 4 1 3 3 2 2 4	2 3 1 3 1 3 2 2 1 3	2 3 1 4 3 3 3 2 1 1	5 4 1 2 2 4 3 2 0 1	6103230102	4 4 1 2 1 2 1 2 0 2	2 2 1 2 1 3 1 3 1 2	5 2 1 2 1 3 4 1 4	3 1 3 2 0 *** 2 3 2 2 2	1 1 3 0 2 3 2 2 2	3 1 1 3 0 2 2 3 3 3 2	3 2 2 2 0 1 1 3 4 2	4 1 5 3 0 2 1 3 1 2	4 12 3 0 2 1 4 1	6 1 3 2 2 1 2 3 1 1	3 1 2 3 1 1 2 4 1	6 1 1 2 2 0 1 3 1 1	6 1 1 7 0 2 4 1	5 2 1 0 6 1 2 3 1	5 2 1 0 3 1 2 4 1 2	3130222223	4 2 2 2 2 2 2 3 1 2
11 12 13 14 15 16 17 18 19	3 0 1 3 1 0 1 1 1	2012220011	3 0 2 1 2 1 0 0 0 0 0	2 0 1 2 1 1 0 0 0	3 0 1 1 0 0 0 0 0	2 1 1 6 2 1 2 0 1 0	3 0 0 1 1 0 4 0 1 0	40001010	1 0 0 1 1 0 1 0	1 1 2 1 1 0 2 0 1	1 3 2 0 0 0 2 0 0 0	1 2 1 0 0 0 3 0 0	1	2 3 2 1 1 0 *** 1 1 ***	2 2 2 1 1 0 3 1 1 5	2311104216	0421206113	1 1 0 3 0 1 1	0 2 0 0 1 0 1 0 1 1	0 4 1 0 0 0 0 1 1 0 1	0 3 1 0 0 0 1 1 0 1	0 4 1 1 0 6 1 1 1	0 1 1 0 0 1 1 1 2	022201102	1 2 1 1 1 0 2 1 1
21 22 23 24 25 26 27 28 29	3 2 2 0 1 1 1 1 1	3 2 1 0 1 2 1 2 1	2 1 2 0 2 1 1 3	2 1 1 2 1 2 2 1	1 1 2 1 1 1 1 3 1	13211132	2 2 3 1 1 1 1 3 1	1 2 3 1 1 2 0 4 1	1 2 3 1 2 1 0 3 1	1 2 3 1 2 0 1 2	1 1 2 1 2 0 4 2 2	0 2 1 1 2 1 3 2 2	12222242	1 1 2 2 2 1 1 1 1	1 2 1 2 2 2 4 1 2	1 2 1 2 2 3 1 3	2 2 2 2 3 2 2 1 3	32122212	2 1 1 1 2 2 2 1 2	3 2 1 1 2 3 2 1 2	2 1 1 3 3 2 1 1	1 0 1 1 1 2 2 1 1	1 0 1 1 1 3 1 1	1 1 1 1 1 2 1 1	2 2 2 1 2 1 2 2
MEAN	2	2	2	2	1	2	2	1	1	1	2	1	2	2	2	2	2	2	1	1	2	1	1	1	1.6

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3, "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

POLLUTANT - SULPHUR DIOXIDE

STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR MONTH - MAR 24 MEAN HOUR DAY DATA INVALID DATA INVALID INVALID DATA 0 0 1 5 6 7 0 2 0 2 0 2 2 1 2 2 1 17 18 0 2 2 22 23 O 3 2 4 27 DATA INVALID DATA INVALID 1 *****

PERCENTAGE OF DATA VALID - 72.7

MEAN

PERCENTAGE OF DATA INVALID - 27.2

PERCENTAGE OF DATA UNAVAILABLE -0.1 1.1

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE NOTES 1.

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE NO 12032 MORTON DOCK SEDFORD/OJIBWAY WINDSOR MONTH - APR STATION - SW 24 MEAN HOUR DAY 2 2 2 0 2 0 2 3 2 o ō 5 7 2 4 1 2 12 13 14 15 16 17 2 2 ō 2 2 2 B DATA INVALID -22 23 ò ò ò ō Ó ō 25 26 ō ò 28 O DATA

PERCENTAGE OF DATA VALID - 81.3

MEAN

PERCENTAGE OF DATA INVALID - 18.6

> PERCENTAGE OF DATA UNAVAILABLE -0.1

1.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

" - " INDICATES DATA IS UNAVAILABLE 2.

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	· SW	NO	12032		MORTON	DOCK	BED	FORD/	OJIBWA	Y W	INDSO	R		MON	TH - 1	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 2 3 0 0 1 1	0 0 0 0 2 1 1 0 1 1	0 0 0 0 2 1 1 0 2	0 0 0 0 2 1 1 0 1 1	0 0 0 2 1 1 1 1 1	0 0 0 0 2 1 1 1 1 1 1	0 0 0 0 1 1 1 1 1 1	0 0 0 1 0 2 2 2 1	0 0 0 0 1 0 3 4 2 2	0 0 0 0 1 0 2 3 2 2	0 0 0 1 0 3 3 2 3	0 0 0 0 1 0 3 3 2 3	0 0 0 0 1 0 2 4 2 3	1 0 0 0 1 0 2 3 2 2	1 0 0 0 2 1 2 2 2	0 0 0 1 2 2 2 2 1	0 0 1 2 2 2 3 2 1	0 0 0 1 1 1 1 1 2 1	0 0 1 2 1 2 1 2	0 0 0 1 2 1 2 2 2 0	0 0 0 0 2 1 2 3 2 0	0 0 0 1 2 1 2 2 1 0	0 0 0 1 2 1 1 2 1 1	0 0 0 2 2 0 0 1 1 1	0 0 0 2 1 2 2 2 1
11 12 13 14 15 16 17 18 19	1 0 0 2 0 1 1 2 0 2	0 0 0 1 0 1 1 2 0 2	0 0 1 0 1 1 2 1	0 0 0 0 1 1 2 1 1	0000011231	0 0 0 0 1 1 2 5 1	0 2 0 0 0 1 1 1 4	0 3 0 0 0 1 1 1 3 2	0500012232	0 6 1 1 0 1 2 1 4 2	0 4 1 1 0 1 2 2 **** 3 2	0 2 1 1 0 2 1 2 4 3	0 2 2 **** 1 2 1 3 2 2	**** 1 2 2 1 2 1 3 2 2	1 2 2 **** 1 1 2 3 4 1	1 2 2 2 1 1 1 3 3 1	1 3 1 1 1 1 3 4	1 2 2 1 2 1 2 3 2	1 1 3 1 1 1 0 2 2	1 1 2 1 1 1 2 3 2	0 0 1 1 1 1 1 1 1 2 1	0 0 1 0 1 1 2 1	0 0 1 0 1 1 2 1	0 0 2 0 1 1 1 1 1 2	0 2 1 1 1 1 2 3 2
21 22 23 24 25 26 27 28 29 30	2 1 0 1 0 1 0 0 0 0	1 0 0 0 0 1 1 1	2000020	3000020	4 0 0 0 0 0 4 0	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 1 0 4 0 0 0	2220050	3 2 4 0 0 4 1	2 3 1 0 0 3 6 0 0 0	****	2 1 1 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0	2 1 2 1 1 2 2 4 4 4 4 4 0 0 0 0 0 0	3 1 1 1 3 ****	3 2 1 1 1 3 ****	3 2 1 1 1 5 0 0	2 1 1 1 1 3 3 4 4 4 4 0 0 0 0	2 1 1 1 2 2 **** 0 1 0	7 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 0 1 1 1 1 1 0 0 0 0	5 1 3 1 1 1 1 1 **** 0 0 0	2 1 2 1 1 1 1 1 0 0 0 0	3 1 1 1 1 3 3 ******
31	0	0	0	0	0	.0	0	0		****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC AN	-	4	- 4	- 4	7.6	- 1	7		- 7	- 1	1	- 1	- 1	- 1	- 1	- 1	3	1	1	- 1	4	1	1.	- 1	

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- " . " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION	SW	NO	12032		MORTON	DOCK	BEDF	ORD/O	JIBWAY	W	INDSOR			MONT	гн	JUN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 1 0 0 0 0 1 1 1	0 0 0 0 0 1 1 1	0 0 0 0 0 1 1 0	0 0 0 0 0 1 1 0	0 0 0 0 0 1 1 0	0 0 0 0 0 0 1 1 1 0	0 0 0 0 0 2 1 1 0	0 0 0 0 1 1 1 0	0 0 0 0 1 1 2 1 0	0 0 1 0 0 1 1 1 1 0	0 0 0 0 0 1 1 1 0 0	0 0 0 1 0 0 2 1 0 0	0 0 0 0 1 0 0	0 0 0 0 1 0	0 0 0 0 0 0 1 1	0 0 0 0 0 0 1 1 0	0 0 0 0 0 1 1 1 0	0 0 0 0 1 1 0 1 0	0 0 0 0 1 1 0 1 0	0000012010	0 0 1 0 0 1 0 0	0 0 0 0 1 0 1 0	0 0 0 0 1 0 1 0	0 2 0 0 0 0 1 0 1 0	0 0 0 0 1 1 1 0
11 12 13 14 15 16 17 18 19	0 0 0 0 0 1 1 0 1 0	0 0 0 0 1 0 1 1 0	0 0 0 1 0 0 0 1	1 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1	0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 1 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 1 1 0 0	0 0 0 0 0 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0	0 0 0 0 1 0 1 1 0	00001	0 0 0 0 1 0 1 1 1 0	0 0 0 0 0 1 1 1 1	0 0 0 0 0 1 1	0 0 0 1 1 1 0 1 1	0 0 0 1 1 0 1 1	0 0 0 1 1 1 1 0 0	0 0 0 0 1 1 1 1 1 0	0 0 0 0 1 0 1 0
21 22 23 24 25 26 27 28 29 30	0 1 1 0 0 1 1 0 0	0 1 1 0 0 1 1 0 0	0 1 1 0 0 1 1 0 0	0 1 1 0 0 1 1 0 0	0 0 1 1 0 0 0	1 0 1 1 0 0 1 1 0 0	0 0 0 0 1 1 0 0	1 0 1 0 0 1 1 0 0	0 1 1 1 0 0 1 1 0	1 1 1 0 0 1 1 0 0 0	0 1 4 1 1 0 1 1 0 0	0 3 3 1 1 0 1 1 0	0 0 1	2 1 0 0 1 1 ***	2 1 1 0 1 1 1 0 0	1 1 0 1 1 0 0 0	1 1 0 0 1 1 1 0 0 0	1 1 0 1 1 0 0 0	1 1 0 1 1 1 0 0 0 0	1 1 1 0 1 1 0 0 0	1 1 0 1 1 0 0 0	1 1 0 1 1 1 0 0 0	1 1 0 1 2 2 0 0 0	1 1 0 1 1 2 0 0 0	1 1 0 0 1 1 1 0 0
MEAN	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	٥	1	0	1	1	0.4

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- "." INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	STA	TION -	SW	NO	12032	1	MORTON	DOCK	BEDI	ORD/C	JJ I BW	ΔY	WINDS	OR		MON	TH	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	0 0 1 1 1 1	0 0 1 1 1 1 1	0 0 1 1 2 1	0 1 1 2 1	0 0 1 1 0 1	0 0 1 1 0 0	0 0 1 1 1 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 2 0 0	0 0 1 1 2 0 1	1	1 1	1 1	0 1 1 1	0 0 1 1 1 1 0	0 1 1 1 1 1 1 1	0 1 1 1 1 1 1	0 1 1 1 1	0 0 1 1 1 1 1 1	0 0 1 1 1 1 1 1	0 1 1 1 1 1	0 1 1 1 1 1	0 0 1 1 1 1 1	0 0 1 1 1 1
7 8 9 10	1	1	1	1	1	1	1	1	1	_	•••• <u>•</u>	3	•••	••••	1	•	1	1	1	1	1	1	1	1	*****
11 12 13 14 15 16 17 18 19	1 2 1 0 1 0	1 2 1 0 1	1 2 1 0 1 0	1 2 1 0 2 0	1 1 1 0 1	2 2 1 0 1 0	2 1 2 0 1 0	1 1 3 1 1 0	2 2 1	1 2 1 1 0	1 2 1 1 0	- 0	DATA L	NAVAI JNAVAI 2 2 1 1 1 1	1 1 0	•	2 3 2 2 1 0	232210	2 3 1 2 2 1 0	1 3 2 2 2 1 0	1 2 2 2 1 1	1 2 1 1 1 1 0	1 2 0 1 1 1	1 2 0 1 1 1 0	1 .
21 22 23 24 25 26 27 28 29 30	0 1 1	0 1 1 0 0 6 1 1 0	0 1 1 - 0 0 5 2 1 1	0 1 1 - 0 0 5 1 1 1		001.005001	0 0 1 0 0 1	0 0 1 - 0 0 5 0 0 1	0 0 1 0 0 6 1 0 1	0 1 - 0 0 7 1	1 0 1 0 1		1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 1 1 2 2 4	1 0 0 1	1 0 1 5 3 1 3 5	1 1 - 0 0 6 2 2 1 4	1 0 0 0 6 2 1 1 3	0 1 - 0 0 7 2 1 2 2	1 1 7 2 1 1 1	000621	000611221	1 1 - 1 0 6 1 1 1	2 4 1 1 2
31 Mean	1	2 1	2 1	1	0	0	1	3 1	1	3 1	3		2 :	1 1	-	1	2	2	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 78.0 PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 20.6

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	UTANT	- s	ULPI	HUR DIO	XIDE							U	NITS	- 0.0	1 PAR	RTS/MI	LLIO	N						
	STAT	TION -	SW	NO	12032		MORTON	DOCK	BEDF	ORD/C	JIBWA	r W	INDSOR			MONT	гн - д	UG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 1 0 2 2 2 0 3 0 0	3 2 0 1 4 1 0 4 0 0	5 1 0 1 4 1 0 3 0 0	3 1 0 3 4 1 0 3 0	2 4 1 1 3 0	1 1 4 2 0 4 0 0	0 1 0 1 3 3 0 0 0	0 1 4 2 3 1 0 6 0 1	1 1 3 2 3 1 0 6 1 3	1 1 2 2 4 1 0 5 1	0 1 2 2 5 4 0 4 1 *	0 1 2 3 3 2 1 4 *** 2	0 1 2 5 2 2 2	0 1 3 4 3 2 0 4 2	0 1 7 13 2 1 1 3 2	0 1 4 7 2 1 1 3 2	0 1 2 6 2 1 1 3 1 1	0 1 3 4 3 0 1 3	0 1 10 3 2 0 2 3 2	0 1 10 2 3 0 2 2 3	0 1 3 2 2 0 2 2 3 1	0 0 2 2 2 0 2 1 1 1	0022103101	0 0 2 2 1 0 3 0 0 0	1 1 3 3 3 1 1 1
11 12 13 14 15 16 17 18 19	0 2 5 1 0 2 1 1 6 1	1 2 4 + 1 0 2 1 1 6 1	1 2 0 0 2 1 1 6	0 3 0 0 2 1 1 6	2 0 1 0 2 3 1 6	1301122260	1 3 1 1 1 2 4 2 5 0	3 2 1 1 1 3 5 2 5 0	5 3 1 1 4 4 4 6 5	5 3 1 1 1 3 4 7 10	7 3 1 * 1 5 * 4 14 10 7	6 3 *** 1 *** 3 12 6 8	3 3 1 2 3 12 6 10	342234066	2 4 3 3 2 3 3 9 6 6	34343855	4 4 2 4 3 4 3 8 5 3	4 5 1 3 3 2 3 7 5 3	3 5 1 3 3 2 3 6 5 4	3 5 1 2 3 2 3 2 3 6 4 4	3401223643	3 5 0 1 3 1 3 7 3 3	2 5 0 1 2 1 3 6 3 4	2 4 0 1 2 2 2 7 2 3	3 1 2 2 2 3 6 4
21 22 23 24 25 26 27 28 29	2 2 4 2 1 2 4 4 2 1	2 2 2 1 2 4 4 4 0	2 1 1 1 2 3 4 3 1	1 2 1 1 1 2 3 4 1 1	2 1 1 2	1 2 1 1 1 1 3 4 2 2 5	1 1 1 1 2 3 5 2 3	1 1 2 1 1 2 3 4 4 3	3 10 2 1 2 2 4 4 3 3	10 11 3 2 2 3 4 6 3	9542255632	6 5 3 2 8 5 4 3 2	6 4 2 3 7 6 3 2 3	7 4 3 2 3 4 7 3 3 3	642235642	6422346424	5422355524	5 4 1 2 3 1 1 6 4 2 4	5 3 1 2 3 3 5 4 3 3	4 2 1 2 3 4 5 4 4 2	4212335432	3 2 1 1 2 3 6 6 2 2	3221226532	2 4 2 1 2 3 5 2 2 2	4 4 2 2 2 4 5 4 3
31	1	1	1	1	1	. 4	8	7	8	5	5	5	7	5	5	5 3	6	5 3	5	5	5	5 2	4	4	5 2.7

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	NOITA	· SW	NO	12032		MORTON	DOCK	BEDF	ORD/C	JIBWAY	WI	NDSOF	R		MON	TH - :	SEP	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	5010000033	4 0 1 0 0 0 0 0 3 3	3 0 1 0 0 0 0 0 2 1	4010000021	501000000000000000000000000000000000000	3 0 1 0 0 0 0 0 2 2	4 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 1 0 0 0 0 0 3 2	4 0 1 0 0 0 0 0 4 2	3 0 1 0 0 0 0 0 4 3	4010000053	4 0 1 0 0 0 0 0 7 3	4010000-53	0 1 0 0 0 0 - 2 3	0 0 1 0 0 0 0 - 2 3	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 3	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 0 0 0 - 3 5	0 1 1 0 0 0 0 . 4 3	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 - 3 3	0 1 0 0 0 0 0 2 4	0 1 0 0 0 0 0 0 7 4	2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	4 1 1 2 4 2 2 7 4 2	5 1 1 2 3 2 6 2 2	5 1 1 2 2 3 2 7 2 2	6 2 0 1 1 2 2 5 3 2	6 1 0 1 1 3 2 6 4 3	6 0 0 1 1 3 3 6 1 3	7 0 1 1 2 2 2 6 1 3	7 1 2 1 2 3 2 5 2 4	7 2 2 3 2 5 1 4 4	8 2 3 4 2 4 2 3 2 3	8 1 3 4 2 4 2 3 2 3	7 1 4 5 3 5 1 2 2 4	7 1 3 4 3 4 1 3 3 3	8 1 4 4 2 5 2 3 3	8 1 6 3 1 4 3 3 3 3	7 2 5 3 1 3 3 3 3 2	10 3 4 3 1 3 3 3 3 3	6233132332	3 1 2 3 1 3 2 2 3 2	3 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 1 2 2 2 1 2 3 2 3	3 1 2 2 3 1 3 4 2 3	2 1 2 3 3 1 4 3 2 2	2 1 4 2 2 2 4 3 3 3 2	6 1 2 3 2 3 2 4 3 3
21 22 23 24 25 26 27 28 29 30	1 3 0 1 1 2 2 27 0 3	3 1 2 0 4 2 2 1 6 0 2	3020322321	3 0 4 1 3 2 1 11 1	2 0 2 0 3 2 3 2 4	3 0 2 0 2 2 3 43 0 0	1 1 4 1 3 2 2 2 13 **** *	1 1 2 1 2 2 1 1 1 ***	2 1 2 1 2 2 1 1 1 1 1	1 1 3 1 2 2 1 1 1 4	0 1 2 2 2 2 1 2 2 4	0 1 3 2 2 2 1 1 1 3	1 1 2 - 2 3 2 1 1 6	1 1 2 3 3 1 2	5 1 2 1 4 3 1 1 1	3 1 3 2 3 3 1 1 2 8	2 1 3 2 2 2 2 2 2 8	2 1 4 1 2 2 2 1 1 4	1 1 3 1 2 2 2 2 2 3	2031222013	2021223013	2 0 4 1 2 2 2 0 1 2	2 0 4 1 2 2 2 0 1 1	2 1 1 2 2 1 1 0 2 1	2 1 3 1 2 2 2 6 1 3
MEAN	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2.1

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTH - OCT STATION - SW NO 12032 MORTON DOCK BEDFORD/OJIBWAY WINDSOR HOUR 24 MEAN DAY 2 3 4 5 6 7 8 9 10 - DATA UNAVAILABLE 12 13 14 15 16 17 18 19 20 4 1 0 2 1 3 2 2 0 - DATA INVALID -- DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE 22 23 24 25 26 27 28 29 30 0 0 1 1 2 2 2 1 2 2 2 3 - DATA INVALID -MEAN

PERCENTAGE OF DATA VALID - 72.4

PERCENTAGE OF DATA INVALID - 6.7

PERCENTAGE OF DATA UNAVAILABLE - 20.8

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

MONTH - NOV MORTON DOCK BEDFORD/OJIBWAY WINDSOR STATION -SW NO 12032 24 MEAN 14 15 HOUR DAY DATA UNAVAILABLE 1 2 3 4 5 6 7 8 9 10 DATA UNAVAILABLE UNAVAILABLE 0 1 2 1 ò 2 2 3 1 3 2 2 2 2 4 3 5 2 12 13 14 15 16 2 5 2 5 1 0 2 5 ŏ o 19 20 22 23 24 25 26 27 INVALID INVALID 0 2 2 ò 3 0 2 2 1 3 0 2 2 5 3 DATA UNAVAILABLE DATA UNAVAILABLE 1.6

PERCENTAGE OF DATA VALID - 63.5

MEAN

PERCENTAGE OF DATA INVALID - 13.1

PERCENTAGE OF DATA UNAVAILABLE - 23.5

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- * * INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MORTON DOCK BEDFORD/OJIBWAY WINDSOR MONTH - DEC NO 12032 STATION - SW 24 MEAN HOUR DAY - DATA UNA ABLE 3 4 5 6 7 8 9 3 2 2 1 4 5 6 2 2 3 7 2 2 3 2 2 1 2 3 13 14 15 16 17 18 4 5 . 2 4 0 2 1 2 2 3 2 2 22 23 24 25 26 27 2 2 3 - DATA UNAVAILABLE 2.4 MEAN

PERCENTAGE OF DATA VALID - 88.0

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE -9.8

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	514	NO 12022	MODION	DOOK	BEDFORD/OJIBWAY	WINDSOD

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	2.4	6	15
FEB	29	1.6	4	12
MAR	22	1.1	2	15
APR	22	1.7	4	11
MAY	29	1.0	3	7
JUN	30	0.4	1	4
JUL	22	1.1	4	7
AUG	31	2.7	6	14
SEP	29	2.1	6	43
OCT	22	1.5	3	7
NOV	17	1.6	4	9
DEC	26	2.4	5	20
YEAR	303	1,6	6	43

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

POLLUTANT - SUI	LPHUR DI	OXIDE			UN	IITS - 0.0	1 PARTS/MILLION
STATION - SW	NO 1203	2 MORTON	DOCK BEDF	ORD/OJIBWA	Y WINDSOR	1	
MONTH OO	TO 04	05 TO 10 11	TO 14 15	TO 25 26	TO 39 40	80VER	TOTAL
JAN	546	40	7	1	0	0	594
FEB	675	15	2	О	0	0	692
MAR	533	7	0	1	0	0	541
APR	559	24	2	О	0	0	585
MAY	702	9	0	٥	0	O	711
JUN	710	0	0	0	0	0	710
JUL	557	23	0	0	0	0	580
AUG	611	118	6	0	0	٥	735
SEP	649	44	4	2	1	1	701
OCT	525	14	0	O	O	0	539
NOV	432	25	0	0	٥	0	457
DEC	591	62	1	1	O	٥	655
YEAR	7090	381	22	5	1	1	7500

FREQUENCY	DISTRIBUT	ION BY	PERCENTILES									
	PERCENT				o o	CONCEN	TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	85 4	٥	0.0	0 2	0.7	1.6	3 1	4.2	5 0	7 2	43	1 6

POLLUTANT - SULPHUR DIOXIDE

	ST	ATION	- SW	NO	14004	Ü	HYDRO	SS C	ONCES	SION	14/15	cou	RTRIG	HT		MON	тн -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5	1 2 2 1 1	2 2 2 1	2 2 2 2	2 2 2 1	1 2 2 2	2 2 2 2	2 2 2 2	2 1 2 2 1	2 2 2 1	2 2 2 2	2 2 2 2	2 2 2 1	2 1 2 2	1 2 2 2	2 2 2 3	1 2 2 4	2 2 2 2	2 2 2 0	2 1 2 2 0	2 2 1	2 2 2 1	2 2 2 2 0	2 2 2 1	2 1 2 1	2 2 2 2
5 6 7 8 9	3 0 0	0	0	0	3	9	1	0	0	0	0			O O INVAL INVAL			0		0			0	••••	••••	•••••
11 12 13 14 15 16 17 18 19	2 85 1 2 1 6 3	1 1 5 2	2 35 1 1 1 6 2	2 1 1 1 5 2	2 1 1 1 0 5 2	2 1 1 2 0 4 2	2 1 1 2 0 4 2	2 1 1 1 1 4 2	2 1 1 1 1 5 1	1 1 16 1 4	1 1 1 46 1 4 2	3 2 1 1 9 1 3 2 1	DATA 2 2 1 1 10 0 4 1	1 NVAI 2 2 1 2 70 0 4 1	ID - 3 1 1 69 1 4	2 0 1 1 75 1 4 1	1 0 1 73 1 4 2	1 0 1 37 3 4 2	1 0 1 60 2 3 2	1 12 1 3 2 1	1 0 1 1 3 2 2 2 1	1 0 1 1 2 3 3 2	2 0 1 2 1 5 3 2	2 47 1 2 1 5 2 1	3 10 1 21 1 4 2
21 22 23 24 25 26 27 28 29	1 1 3 1 2 1 1 1	1 2 1 1	2 16 1 3 1 2 0 1 2	2 1 1 2 2 2 2 0 1 1 1	1 2	3 1 1 1 1 2 12 1 2	3 1 1 2 1 2 1 0	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 0 1 1 1 1		2 1 1 3 3 2 3 2	7 1 1 2 4 3 2 1		4 1 1 3 3 2 0 6	34 5 1 2 4 4 1 1 1 1	73 4 1 2 5 7 1	67 2 1 3 5 5 1 1	63 1 0 5 6 1 2	31 2 0 5 12 1 4	26 5 2 1 5 15 14 1	14 3 2 1 4 1 1 3 0	1 1 2 1 3 1 1 2 1 1	3 1 4 1 4 1 1 2 1	1 1 3 1 4 1 1 1 1 0 1	15 3 1 2 3 4 2 1 1
31 MEAN	1 5	~	1 3	1	1 2	2	0	0	1	1	1 4	2	3 2	_	3 6		2 7	2 5	2 5	2 3	3 2	3	3 2	2 3	2 3.3

PERCENTAGE OF DATA VALID - 86.4 PERCENTAGE OF DATA INVALID - 13.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT - 5	ULPHI	UR DI	DXIDE								UNITS	- 0.0	O1 PAR	TS/MI	LLION	4						
	ST	ATION	- SW	NO	14004	,	HYDRO	SS C	DNCES	NOIZ	14/15	cou	RTRIG	нт		MONT	H - F	EB	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	2 41 4 3 1 0 1 6 6	62 5 3 1 1 6 3 2	2 11 4 3 4 0 1 6 3	2 7 4 3 2 0 1 6 3	1 6 3 3 2 0 1 5 2	1 6 3 3 1 0 1 5 2	1 5 4 3 1 0 1 5 2 2	1533001821	1 5 3 8 1 1 4 2 2	0 6 1 0 0 1 41 3	0 5 6 1 0 0 2 62 3	1 5 6 2 0 1 2 63 2	1 5 5 2 1 1 6 28 2	1 5 3 2 1 1 6 7 2	0 4 5 2 0 1 7 6 2	0 4 7 1 0 0 6 47 2	0 5 5 1 0 0 6 52 1	5 3 2 0 1 6 52 1	3 4 2 1 0 0 6 5 2 1	4 4 2 1 0 0 6 4 1 1	4 2 1 0 1 5 4 1 1	4 4 2 1 0 1 5 8 2 1	4 4 2 1 0 1 6 12 2 1	6 4 2 1 0 2 6 12 2 13	2 9 4 2 1 1 4 21 2
11 12 13 14	20 1 2	48 1 2	18 1 2	1	0 1 1	1	1	1	0 1 9	0	1 2			1 0 INVAL		1 2 0	2	1	1 1 0	0	0	0 1 0	2	2	1
15 16 17 18 19 20	1 3 1 0	2 2 1 0	1 2 2 0	1 2 1 0	1 3 1 0	56 5 1 0	48 6 0	6 7 1 0	3 8 0 0	4 8 0	3 8 0	4 8 0	5	1 3 1 0	2 4 1 0	5 1 0 0	1 0 0	1 0 0	2 3 1 0	1 0	3 1 0 0	2 3 1 0	3 ; 0	3 1 0	7 3 0
21 22 23 24 25 26 27 28 29	00000000	00000000	000000	0020000	1	0 31 0 0 0 13	0 9 0 0 0 0 0 27	0 0 0 0	00000000	00000	0 0 0 0 1 0	0020	0000000	00000000	002000029	2000015	003000004	001001000	000000000000000000000000000000000000000	000005000	000000000	000000000	00000000	00000	000000000000000000000000000000000000000
MEAN	4	5	2	2	2	5	5	2	3	3	4	4	2	1	2	3	3	3	1	1	1	1	2	2	2.7

PERCENTAGE OF DATA VALID - 90.5 PERCENTAGE OF DATA INVALID - 9.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

STATION - SW NO 14004 HYDRO SS CONCESSION 14/15 COURTRIGHT MONTH - MAR 13 14 15 16 17 18 19 HOUR 20 21 22 24 MEAN DAY Ö 0 0 O 12 O 0 5 0 4 0 0 1 0 14 15 ō 12 2 9 2 5 17 Q 5 2 Ó Ó 22 23 24 25 O ŏ ō Ô 28 1.3 MEAN

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTANT	- 5	ULPH	UR DI	OXID	E						ı	JNITS	- 0.	01 PA	RTS/M	LLIO	N						
	ST	ATION -	SW	NO	14004	1	HYDRO	SSC	ONCES	SION	14/15	cou	RTRIG	HT.		MON	тн	APR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0000000000	0 0 0 0 0 0 0 0	0 1 0 0 0 1 0 0 0	0 1 0 0 0 0 0 0 0	00000000	0000000000	0 0 0 0 0 0	0 0 0 0 0 1	0 1 0 0 0 0 0 0 0 0 0 0	0000000003	0 0 0 0 5 1 0 1 3	0000093082	0 1 0 0 0 17 4 0 21	0 1 0 0 0 4 1 0 23	0 1 0 0 1 4 0 0	0 1 1 0 1 9 0 4 1	0 0 2 1 1 7 0 0 6 0	0 0 2 2 1 2 0 0 0 1	0 0 0 2 1 0 0 0 1	0 0 0 1	0000100003	0 0 0 0 1 0 0 0 3	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	200000001	0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0	0 1 0 0 2 0 0 0 0 0	0 0 2 0 0 0 0 0 0 0	****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 **** 1 1 2 0 0 0 0	0 **** 1 1 2 0 0 1 0 0	0 **** 1 3 1 0 1 1 0 0	0 **** 1 2 2 0 1 1 0 0	0 3 2 2 3 0 2 1 0 0	0 2 1 3 1 1 2 1 0	0 0 1 4 1 1 2 1 0 1	0 0 1 3 3 1 1 1 0 0	0 0 1 3 3 1 1 0 0 0	0 0 1 2 3 1 1 0 0 0	0 0 1 2 2 1 1 0 0 0	0 1 1 1 0 0 1 1 0	0 1 1 1 0 0 0 8 0	0 0 1 1 0 1 0 1 0 0	0 0 1 1 0 0 0 0 0 0 0 0 0	0 0 1 1 1 0 0 0 0 0	0 0 0 1 1 0 0 0 0 0	0 1 1 1 2 0 1 0
21 22 23 24 25 26 27 28 29 30	000	000000000000000000000000000000000000000	0 0 0 0 1 0 0	0 0 0 0 0 0 1 0 0	000000000000000000000000000000000000000	00009500	****	0 0 0 0 0 0 18 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0	0 **** 0 0 0 0 25 0 3 1	0 **** 2 0 0 0 11 1 8	9 0 0 0 11 1 7	19 0 0 13 3 10	7 0 0 0 16 3 11	0 4 0 0 0 21 3 11	0 0 0 9 1 3 1	0 0 0 0 0 1 1	0 0 0 0 3 1 0 0 1	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1	0 0 0 1 0 0 0 0	0 0 0 0 1 0 0	0 ****** 0 0 0 0 6 1 2
MEAN	0	٥	0	0	0	1	0	1	1	0	2	2	3	3	2	2	1	1	1	1	1	0	0	0	0.9

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 4.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	ST	ATION	- 5W	NO	14004	Į.	HYDRO	SS C	ONCES	SION	14/15	cou	RTRIC	HT		MON	TH .	MAY	76						
HOUR DAY	7	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	0 0 0 1	0 0 0 1	0 0 0 1	0 4 0 1	0 2 0 1	0 0 1	0 0 1 0	0 0 0 1	0 0 0 0 1	0 0 1 0	0 0 0 1			1 0 0 0 1 1 INVAL		0 0 0 2	0 7 0	0 0 14 0	0 0 1	0000	000	0000	0 0 0 1	0 0	0 1 0 1
7 8 9 10		****	••••	••••		••••	••••	****	••••	1	1	2	DATA DATA 3	INVALI INVALI INVALI	ID - ID - 3	3	2	3	2	2	2	2	1	2	•••••
11 12 13 14 15 16 17 18 19	500000000	000000000	1 0 1 0 0 0 0 1 0	000000140	000000000000000000000000000000000000000	000000100	000000100	000000120	0 0 0 0 0 0 1 5 0	0 0 0 0 0 1 9 1	0 1 0 0 0 1	0 18 0 0 0 0 0 1 1	0 11 1 0 0 0 0 2 9 2	0 4 1 2 0 0 0 2 13 2	0 2 1 2 0 1 0 2 9 3	0 1 0 1 34 4	0 1 2 1 0 1 0 0 27 3	200000000000000000000000000000000000000	0 1 1 0 0 0 0 0 41 3	0	0 0 0 0	000000001	0000000000	0000000000	2 1 0 0 0 0 1 7
21 22 23 24 25 26 27 28 29 30	0000000000	0000000000	0000000000	0000000000	000000000000	000000010	0000000010	12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 1 1 1 0 0 0	0 0 0 2 0 3 2 0 1	0 0 1 4 0 - 3 3 1 1	102220-4411	1 0 2 1 0 0 2 4 1 2 0	1 1 1 1 0 5 2 3 1 2	1 1 0 0 0 8 4 4 1 1	0100062202	01000042302	0100022302	0 1 0 0 0 1 2 3 0 2	000001201	000000000000000000000000000000000000000	000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 1 1 2 0 1
31	•	•	U	•	•	•	~		U		•		•	-	5				2.						v

PERCENTAGE OF DATA VALID - 84.1

0 0

MEAN

PERCENTAGE OF DATA INVALID - 15.3

PERCENTAGE OF DATA UNAVAILABLE - 0.5

0.9

0.8

5 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

0 0

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION NO 14004 HYDRO SS CONCESSION 14/15 COURTRIGHT MONTH - JUN 24 MEAN HOUR DAY 1 2 3 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 ò 10 0 0 0 1 00000-00000 00000-0000 0000NN+ 2 1 2 2 1 22 23 24 25 26 27 28 29 30 • O O DATA DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE

PERCENTAGE OF DATA VALID - 78.1

o

MEAN

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 18.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE

NO 14004 HYDRO SS CONCESSION 14/15 COURTRIGHT MONTH - JUL STATION - SW 24 MEAN HOUR DAY - DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE O n C C O n DATA INVALID DATA INVALID 2 2 1 2 2 1 1.7

PERCENTAGE OF DATA VALID -

MEAN

PERCENTAGE OF DATA INVALID - 15.9

PERCENTAGE OF DATA UNAVAILABLE - 14.7

****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE NOTES 1.

- 2. *. * INDICATES DATA IS UNAVAILABLE
- ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE - AUG HYDRO SS CONCESSION 14/15 COURTRIGHT STATION SW NO 14004 24 MEAN В q HOUR DAY 0 2 7 ō ō O O ŏ n Ö n O O o n O D 2 2 õ ō C C ō 3 2 DATA INVALID DATA INVALID O 0.7 MEAN

PERCENTAGE OF DATA VALID - 86.6

PERCENTAGE OF DATA INVALID - 13.3

PERCENTAGE OF DATA UNAVAILABLE -

"**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE NOTES 1.

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

TS/MILLION

	AND AND A PARTER	UNITS - 0.01 PART
POLLUTANT .	- SULPHUR DIOXIDE	UNIIS U.U. PARI

	STA	TION -	SW	More an area & an area and a second s					14/15	COUR	TRIGH	IT		MONT	rH - 5	EP	76								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	00000000	0000000000	0 0 0 0 0 0 0 0	000000000	0000000000	0000000000	0000000000	0 0 1 0 0 0 0 0 0 0	0 0 1 0 0 0 0	0 0 1 0 0 0 2 1 24	0 0 1 0 1 0 2 3 21	0 0 1 1 0 8 2 2 2 7	0 0 1 0 0 5 2 - 2 1	0 0 1 0 0 1 4 1 2 1	0 0 0 0 1 4 2 1 1	0000004210	0000004000	0001003200	0000002	000001200	0010001100	0 0 1 0 0 0 1 1 0 0	001000000	0 0 1 0 0 0 0 0 0	0 0 0 1 1 1 1 3
11 12 13 14 15 16 17 18 19	000000000	0000000000	000000000	000000000	00000	0000000000	0000000000	0000000000	1 1 0 0 0 0 1 1 0	5 1 1 0 0 0 0 2 1	9 1 2 1 0 0 0 4 1	23 2 0 0 0 4 1 1	17 1 4 2 0 0 0 4 0 2	9 1 3 2 0 0 0 4 1 2	13 1 3 2 0 0 5 1	3 3 0 0 0 3 2 2	2242000221	4 2 2 2 0 0 0 2 2 2 0	1 2 2 2 0 0 0 2 2 0	0 1 1 2 0 0 0 1 1 0	0 1 1 0 0 0 1 1 0	1 1 0 0 0 0 0	0 0 1 1 0 0 0 0 0	0 0 0 0 0 0 0 0	4 1 1 0 0 0 1 1
21 22 23 24 25 26 27 28 29 30	000000000	0000000000	000000000	0000000000	00000000	001000000	0010000000	0010000000	1 1 0 0 0 0	1 2 1 0 0 0 0	1 1 6 8 1 0 0	0 8 11 2 0 0	0 3 9 10 2 0 0 0 0	0072200000	1 1 7 1 2 0 0	2071200001	5061200002	10 0 3 0 1 0 0 0 0 1	20100000001	10 0 0 0 0 0 0 0 0	N000000000	100000000	100000000	000000000	1 0 2 2 1 0 0 0 0 0
MEAN	0	0	0	0	0	0	٥	0	1	2	2	3	2	1.	2	2	1	1	1	1	0	0	0	0	0.8

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT - :	SULPH	UR DI	OXIDE							8	UNITS	- 0.0	D1 PAS	RTS/M	ILLIO	N						
	ST	ATION	- SW	NO	14004		HYDRO	S\$ C	ONCES	SION	14/15	cou	RTRIG	нт		MON	тн - 1	OCT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0000000000	000000000	000000000	000001000	0000000000	000000000	0000000000	000000000	000000000	0000000000	0000000000	0100000000	21100001	2112100000	1 2 1 0 0 0 0 0	1 0 0 0 0 0	3 2 0 0 0 0 0	2214200000	1 1 3 2 0 0 0	0 1 1 2 1 0 0 0 0 0	0 0 1 1 0 0 0 0 0	000020000	0000000000	0000000000	1 1 0 1 1 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0 0 2 0 0 1 1 0	0004000410	0 0 0 4 0 1 0 4 1 0	0 1 0 5 0 7 0 1 1	0 0 0 0 0 0 1 1 0	0 1 0 0 1 0	0 1 0 0 0 0 1 0	1 0 0 0 0 0 0 0 0	1 0 11 0 5 0 0 0	1 109090000	1 0 4 0 7 0 1 0 0	1 1 0 1 0 5 0 4 1 0	1 1 0 1 0 3 1 2 1 0	3 2 14	1 1 0 0 0 2 1 14	1 5 0 0 3 1 2 0	1 1 7 0 0 1 2 1 0 0	0 1 0 0 0 1 1 0 0 0	0 1 0 0 0 0 1 0 0 0	0140001000	0 1 1 0 0 0 1 0 0 0	0 1 1 0 0 0 1 0 0 0	0 1 2 0 0 0 1 0 0 0	50002000	0 1 1 2 0 2 1 2 0 0
21 22 23 24 25 26	0	0	0	0	0	0	0	0	0	0	0	-	DATA	O I NVAL I NVAL I NVAL I NVAL	ID -	0	0	••••	••••	••••	0	0		•••	0
27 28 29 30	0 0	0 0 0	 0 0	0 0 0	0 0	0 0 1	0 0	0 0 0	0000	0 0 1	0 0 2	0 1	3 0 0 1	5 0 0 2	0 0 2	0	0000	0000	0 0 0	0000	0000	0	0000	0	0 0
31	٥	0	0	0	٥	٥	0	0	0	0	0	0	٥	0	٥	0	0	0	0	0	٥	0	0	٥	0
MEAN	٥	0	٥	-3	0	0	o	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 84.3 PERCENTAGE OF DATA INVALID - 15.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

	STA	MOITA	- SW	NO.	14004	1	HYDRO	SS C	ONCES	SION	14/15	COL	RTRIC	SHT		MON	TH -	NOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000500	0 0 0 0 0 0 1 1	00000000000	0000000400	0 0 0 0 0 0 0	0000000500	00000000000	00000000000	000000000000000000000000000000000000000	0000000000	2000007312	1 1 0 0 0 6 3 2 6	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 2 7		0 1 0 0 0 0 1 10 0 0	000004501	0 0 0 0 0 1 1 0 0	000000000000000000000000000000000000000	0000004000	0 0 0 0 0 7 0 0 1	0000009001	0000006001	0 0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 2 7 0 1
11 12 13 14 15 16 17 18 19	1 0 0 0 0 1 0 0 0 0	1 0 0 0 0 1 0 0 0 0	1 0 0 1 1 0 0 0 0 0 0	1 1 0 1 1 2 0 0 0 0	2 1 0 1 1 2 0 0 0 0	1 1 0 1 1 2 0 0 0 0	1 1 0 0 1 1 2 0 0 0 0	1 1 0 0 1 1 2 0 0 0 0	1 3 0 1 1 3 1 0 0 0	1 5 0 1 1 3 2 0 0 0	1 2 0 1 1 2 2 0 0 0	1 2 0 1 2 1 3 0 0 0	1 1 0 0 0 1 1 **** 4 0 0 0 0	1 1 0 0 1 1 5 0	1 1 0 1 1 0 4 0 1	1 1 0 1 1 0 3 0 3	1 1 0 1 1 0 2 0 2 0	1 1 0 1 1 0 2 0 1 0	1 1 0 1 1 0 0 0	1 1 0 1 0 0 1 0 0 0	1 1 0 1 1 0 0 1 0	1 1 0 1 1 0 0 0 0	1 1 0 1 1 0 0 0 0 0 0 0	1 1 0 1 1 0 0 0 0 0 0	1 1 0 1 1 1 1 0 0
21 22 23 24 25 26	0 0	0	0	0	0 ****	0 ****	0 ****	0			0		DATA		LID - LID -		••••	0 ****	****	****	0	****	0	****	0 *****
26 27 28 29 30	0 0 1 0	0 0 1 0	0 0 1 0	1 0 1 0	0	0 0 1	1 2 1 0	0 3 1 0	0 4 1 0	0 4 1 0	0 4 1 0	0 4 1 0	0 1 1 0	0 1 1	0 1 1 0	0 1 1 0	1 0	1 1 1	0 1 1 1	0 1 1	0 1 1 1	0 1 1	0 1 1 1	0 1 1	0 1 1 0

PERCENTAGE OF DATA VALID - 85.1 PERCENTAGE OF DATA INVALID - 14.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- 5	ULPHU	IR DIC	XIDE							ι	UNITS	- 0.0	1 PAR	RTS/MI	LLION	i						
	STA	TION -	SW	NO 1	4004	1	YDRO	SS CO	NCESS	SION 1	4/15	COUR	TRIGH	11		MONT	н - с	EC	76						
HOUR	1										11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 1 1 1 2 0 0	1 1 1 1 2 0 0 0 0	0 1 1 1 1 0 0 0 0 0	0 1 1 1 1 1 0 0 0 0 0	1 1 1 1 1 0 0	1 1 1 1 1 0 0 0	0 2 1 1 2 0 0 0 1	1 1 1 1 1 0 0 0	0 0 1 2 1 1 0 0 0 2	0 1 1 2 1 1 0 0	0 1 2 1 3 0 0	0 0 1 2 1 5 1 0 1	1 2 2 2 1 5 0 0 1 1	1 3 1 2 1 6 1 0	1 1 6 2 0 0 0	1 3 1 1 1 4 2 0 0	1 3 1 1 2 2 0 0 0	1 5 1 1 2 0 0 0 0	1 2 0 1 4 1 0 0	1 1 0 1 7 1 0 0 0	1 0 0 1 3 1 0 0 2 0	0002410010	0 1 0 1 1 0 0 0 0	0 1 0 1 1 1 0 0 0 0 1	1 1 1 1 2 2 0 0 0
11 12 13 14 15 16 17 18 19	000000000	1 0 0 0 0 0 0 0 0 0 0	102000000	0000000000	0050000000	003000000	0 0 1 1 0 0 0 0 0	0 0 1 2 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 3 0 0 0 0 0 0	0000004000	0001006020	0000008020	0000008010	0000005210	00000000000	0000000000	00000000000	0000001000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000	0 0 1 1 0 0 2 0 0
21 22 24 25 27 28 29 30	3 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 0 0 0 0 0 1 0 0 0	0 0 0 0 1 0 0 0	26 0 0 0 0 1 0 0 0	29 00 00 00 00 0	28000000000	37	34 20 0 0 0 0 0 0	30 * 2 0 0 0 0 0 0 0 0 0 0	1 0 0 1 0 0 0 0 0	24 1 0 0 1 0 0 0 0	17	21 0 0 0 1 0 0 1	16 2 0 0 1 0 0 1 0 2	23 2 0 0 1 0 0 0 1	430000001	1 0 0 0 0 0 0 0 0	000000010	0000000000	0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 2	0 0 0 0 1 0 0 1 2	0 0 0 0 1 0 0 1 2	15 1 0 0 0 0 0 0
E 1 ME AN	1	1	0	0	0	0	0	0	0	0	0	1	1	1 2	1 2	1 2	1	1	1 0	1	0	0	0	0	0.9

P. MENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	ACTION AND ADDRESS OF THE PARTY			
STATION - SW	NO 14004 HYDRO SS	CONCESSION 14/15 COURTRIC	SHT	
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	3.3	21	94
FEB	26	2.7	21	63
MAR	29	1.3	8	24
APR	28	0.9	6	25
MAY	26	0.9	7	41
JUN	23	0.8	2	30
JUL	19	1.7	4	34
AUG	26	0.7	2	6
SEP	30	0.8	4	24
oct	26	0.5	2	14
NOV	25	0.8	7	30
DEC	31	0.9	15	37
YEAR	315	1.3	21	94

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

DOL	LUTANT	CIII DULLD	DIOVIDE	

UNITS - O OI PARTS/MILLION

POLLUTANT - SUI	LPHUR DIO	XIDE			UN	ITS - 0.0	01 PARTS/MILLION
STATION - SW	NO 14004	HYDRO	SS CONCESS	ION 14/15	COURTRIGH	T	
MONTH OO	TO 04 0	5 TO 10 11	TO 14 15	TO 25 26	TO 39 40	&OVER	TOTAL
JAN	594	25	4	3	5	12	643
FEB	544	63	5	3	3	12	630
MAR	665	26	9	17	0	0	717
APR	655	18	6	8	0	0	687
MAY	608	9	4	2	2	1	626
JUN	547	11	1	2	1	0	562
JUL	493	13	5	4	2	٥	517
AUG	634	10	0	0	o	0	644
SEP	687	21	2	4	o	0	714
oct	613	11	3	O	0	0	627
NOV	594	15	0	3	1	0	613
DEC	716	13	0	7	6	o	742
YEAR	7350	235	39	53	20	25	7722

FREQUENCY	DISTRIBUT	ION BY	PERCENTILES									
	PERCENT OF DATA				FREQUENCY		ITRATIONS					ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	87.9	0	0.0	0.0	0.0	0.6	2.0	3.9	9.1	17.7	94	1.3

MONTH - JAN 76

STATION - SW NO 14016

	ST.	ATION	· SW	NO.	14016	5	OPPOS	TTE L	AMBTO	N GS	HWY40	COUR	TRIGH	T		MOI	TH -	MAL	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3	3 1 1	2 1 1	2 2 1	2 1 1	2 1 0	2 1 0	2 1 1	2 1 0	1 0	2 4 0	2 3 0	2 14 0	2 5 0	3 8 1	3 15 0	2 6 0	1 1 1	1 1 1	1 1 1	1	1 1 2	1 0 2	1 0 1	1 1 1	2 3 1
4 5 6 7	1 2 8 2	2 3 7 3	1 3 6	1 3 4 0	1 3 5	1 2 5	1 2 4 1	3 3	2 4 3 1	2 2 4	2 1 4	2 1 4	2 1 3 1	2 0 2 2	1 2 2	2 5 2	2 4 2 1	1 2 2	1 2 2 2	1 2 2	1 2 1 2	1 2 1 2	2 3 1 2	2 3 0 2	2 2 3 1
8 9 10	2 2 3 1	2 3 1	2 2 1	3 2 1	3 2 0	5 2 0	5 2 0	6 2 0	4 2 1	3 2 1	2 1 1	2 0 1	0 0 0	0 1 1	0	0 0 1	**** 0 2	0 10	0	0 1 1	1 1 2	1 1	2 1 4	1 3	2 1 2
11 12	3	3	5	4	5 2	6 2	6	4	3	****	3	0		0	0		* * * *	****	1	1	1	1	2	2	.****
13	****	***	****	***	****	****	****	***	****	****	****	2	2	2	3	2	3	****	5	5	4	2	1	1	****
14	2	3	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1
15 16	3	3	2	2	1	2	2	2	1	1	1	1	2	1	0	1	1	1	1	2	2	3	3	3	2
16	6	8	2	2	3	2	4	2	1	2	3	2	2	2	2	2	2 3 2	2	2	3	4		5	5 5	3
17 18	4 5	4	4	4	4	4	4	4	3	3	2	2	2	2	2	2	2	7	4	5 6	5	5 3	4	4	2
19	6	10	7	5	4	4	6	16	30	50	63	30	3	3	1	1	1	1	1	1		1	ō	ō	10
20	ő	0	ó	0	0	0	0	0	0	0	0	0	ō	0	****	ó	ò	ò	Ó	ò	ò	Ö	ō	****	3 10 0
21	****	0	1	2	2	3	3	0	0	1	2	1	0	0	0	0	1	1	1	1	0	****	0	0	t
22	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	1
23 24	1	1	1	1	0	0	0	***	0	5	1	0	0	0	1	2		2	2	3	3	3	5	4	2 2 2 2
24	3	4	2	1	1	1	1	1	1	0	1	1	1	2	8	9			2	1	2	2	2	***	2
25	٥		****	1	2	2	2	2	2	4	5	3	2	2	2	3	3	4	****	3	3	3	2	1	2
26	5	9	1	2	0	0	0	0	-		2	3	3	2		1	1	1	1	1	1	1	1	2	2
27	1	1	1	2	2	3	3	2	3	2	1 5		2	2	2	2	2		2	4	1	1	1	2	2 3 1
28 29	1	2	2		4	2	2	- 1	3	2	5	5	2	3	3	1		5	6	- 4	2	2	- 4	1	3
30	2	1	2	2	0	ő	Ö	0	1	-	0	ő	ő	1	1	1	i	1	1	1	0	1	1	1	i
31	1	1	1	1	1	0	0	0	0	4	2	2	3	3	3	2	1	0	0	0	1	2	2	2	1
MEAN	2	3	2	2	2	2	2	2	2	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 5.2

ODDOSITE LAMBTON OS HWYAD COURTRICHT

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - SW NO 14016 OPPOSITE LAMBTON GS HWY40 COURTRIGHT MONTH - FEB HOUR 14 15 16 19 20 21 24 MEAN DAY 2 3 3 4 4 5 6 6 13 0 2 2 1 9 10 12 13 4 5 6 7 8 DATA INVALID - DATA INVALID - DATA INVALID 5 6 16 17 0 **** 19 22 23 26 27

PERCENTAGE OF DATA VALID - 78.2

MEAN

PERCENTAGE OF DATA INVALID - 21.0

PERCENTAGE OF DATA UNAVAILABLE - 0.9

1.9

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	5	TATI	- אס	SW	NO	14016	5	OPPOS	ITE	LAMBTO	N GS	HWY40	COUR	TRIGH	T		MON	ITH -	MAR	76						
HOUR DAY	1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
10	****		1	1	1	1	2	2	2	2	1	1	¥	2	2	1	1	1	1	1	O	1	1	1	1	1
ż			2	2	2	2	- 7	1	2	2	1	2	****		****	1	1		36	0	1	1	1	1	•	1
3			1	ī	ī	1	1	1	1	ō	0	0	0	٥	0		0	0	0			0	0	0	0	0
4	(1	- 1	1	3	1	1	1	1	1	1	1	1	2		1	1	1	4	2	1		0	0	1
5	i		Ó	ò	0	0	0	2	2	1	0	****	0	0	0	-	0	0	0	1	1	1	0	1	•	0
6		ĺ	1	Ť	1	1	1	0	0	1	1	1	1	1	-	****	****	1	1	****	****	1	1	1	1	1
7		i	-		2	****	****	****	1	1	1	1	1	0	1	0		0	٥	0	0	0	0	1	1	1
8		1	1	1	1	- 1	1	****	1	1	1	1	1	0	0	9	0	1	2	1	1	2		0	1	1
9		1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	****	1	1	1	1
10	1	II.	1	1	1	7	1	1	1	1	1	2	2	1	1	2	1	1	1	2	1	1	1	1	2	1
11		2	1	1	1	- 1	1	1	1	1	1	9	-		-	***	****	6	1	1		1	1	1	1	1
12		1	i	1	4	****	2	2	2	2	2	3	4	3		2	****	0	0	0		٥	1	1	0	1
13		Ď	i	Ó	1	1	1	1	1	9	1	1	1	1	0	0	1	1	2	2	1	1	1	2	2	1
14	- 1	2	1	1	- 1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15		1	î	o	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
16		1	i	1	- 1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	2	2	2	2	1
17		3	3	4	4	4	****	****	****		3	2	1	1	2	1	0	1	1	1	1	1	1	1	1	2
18		1	2	1	1	1	1	1	2		6	1	1	2	3			3	2	2		2	1	1	0	2
19		1	2	3	2	1	1	1	1	2	1	0	٥	1	1			1	1	1		2	2	2	3	1
20	3	3	2	2	1	1	2	2	2	2	2	1	1	,	1	1	1	1	1	1	1	1	1	2	2	1
21		2	1	1	2	2	1	1	1	1	* * * *	2	2	2	2	2 0 2	2	3	2	3	3	2	2	2	2	2
22		2	2	-	3	2	3		2	2	-	1			1	С	2	1	1	3		2	1	1	1	2
23		1	1	1	1	1	2	2		1	1	****	1	1	2	2	1	1	2	1	1	_ 1	0	1	0	1
24		1	1	1	1	1	1	1	2		3		3	2	2	C	0	0					1	0	0	1
25		٥	1	0	0	0	1	1	1	1	0				0				3	1				1		1
26	1	0	0	0	0	1	1	1	1	1	1		3		1			0	7		8			0	0	2
27		0	0	٥	3	3	0	0	1	8	2		_ 1	0	0			0	1	0		0	0	U	0	1
24 25 26 27 28 29			1	1	1	1	1	1	2	1	2		0		1		1 0	0	0		0	1	1	1	0	
29		1	0	1	1	1	1	1	1	1	1	0	1	0	0			1	0	2	0	0	0	1	1	1
30	1	0	0	0	0	0	****	2	2	2	2	2	1		1	ε	, 4	1	ū	2	1	-1	1	,	1	1
31	1	2	2	2	2	2	2	2	2	2	2	2	*	-	3		2 2	2	1	1	1	1	1	1	2	2

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANI	ON - SW NO 14016 OPPOSITE LAMBTON GS HWY40 COURTRIGHT 2 3 4 5 6 7 8 9 10 11 12 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1														RTS/N	ILLIC	N						
	STAT	ION -	SW	NO	14016		OPPOS	ITE L	AMBTO	N GS	HWY40	COUR	TRIGH	T		MON	тн -	APR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5	1 2 1 2 2		2	1 2 1 2 2	1 2 1 2 2	1 2 1 2		2	1 2 1 4 1		1 2 0 2 1	2 1 2 1	1 2 0	0 3 0	3 0 3	2 2 3 0	1 1 3 0	2 1 4 4 0	2 1 2 5	2 1 2 -	2 2 2	2 1 2 2	2 1 2 2	2 1 2 2	1 2 1 3
6 7 8 9 10	1 2 1	2 2 0	2 2 1	2 2 2	1 2 2	1 1 2	1 1 2	2 1 1	2 1	1 4 2	3 4 1	- DA 2 4 0	3 1 0	- 3 4	ABLE 4 2	3 0	3	0	2 0	1 0 0	0 0	1 1 0	1 2 1 0	2 ** 1 1 0	2 2 1
11 12 13 14 15 16 17 18 19	0 1 1 1 0 3 6 4 5 9	0 1 1 1 0 • 3 4 4 6 6	1 1 0 3 5 4 24	3 1 0 3 5 4 18	2 1 0 3 4 4 12 4	0 1 0 1 3 4 4 3	0 1 1 0 0 3 4 4 0 4	0 0 1 0 **** 4 5 5 3	0 0 0 1 **** 5 5 5 3 4	0 0 1 1 4 5 5 3	0 0 1 1 **** 4 6 5 3	0 0 0 **** 3 7 5 3 5	0 0 0 0 3 6 5 3 21	0 0 1 **** 3 5 5 3	1 0 0 0 0 4 5 4 3 6	2001433.4331	2000344435		2002358435	1 0 0 1 3 5 4 4 4	1 1 0 1 3 4 4 5 4	1 0 0 3 4 4 4 4	1 0 0 3 4 4 4 4	1 1 0 3 *	1 0 0 0 0 4 5 4 5 5
21 22 23 24 25 26 27 28 29	2 1 1 0 1 4 0 0	2 1 1 0 1 3 0 0 0 1	2 1 2 1 1 2 0 0 0	1 2 2 1 1 2 0 0 0 1	1 1 1 1 2 0 0 0 1	2 1 2 1 3 0 0 0 0	2 1 2 1 1 3 1 0 1	2 1 1 1 2 3 0 0 1 0	1 1 1 2 2 0 0 0 0	2 1 3 1 2 1 0 0	1 0 3 1 1 0 0	2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0	1 0 0 0 0 0	1020020	0	0 3 0	4 0 0	0 1 3 0	0001302001	1 1 0 1 3 0 1 0 1 1	1 1 0 1 3 1 2 0 1 2	1 0 1 3 0 3 0 1	1 1 1 4 0 0 0 1 1	1 1 2 1 0 0 1 1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 88.6 PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 7.8

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- SW	NO.	14016		OPPOS	ITE L	AMBTO	N GS	HWY40	COU	RTRIGH	T		MON	тн -	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10		1 1 1 2 3 2 8 5 4 ****	1 1 2 1 4 2 7 5 4 3	2 1 2 1 4 4 7 5 5 4	2 1 1 3 3 7 6 4 4	1 1 2 3 2 8 5 4 3	2 1 1 2 3 2 6 5 4 3	2 1 2 2 3 2 5 5 4 3	1 1 1 2 2 6 4 3 2	1 0 1 1 2 2 6 4 3 0	1 0 1 1 1 3 5 4 2 0 5	3 1 1 1 3 5 3 2 0	3 3 1 1 1 4 6 3 1 0	3 0 1 1 4 7 2 1	1 1 0 1 0 4 6 3 0 0	0 3 0 1 1 4 6 2 0 1	1 1 0 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 0 4 6 2 0 1 5	1 1 1 1 0 4 7 2 0 1	1 1 1 1 5 5 2 0 1	1 2 1 2 0 5 4 3 1	1 **** 2 2 2 5 4 3 2 3	1 **** 2 2 3 5 4 4 2 2	1 1 1 3 4 6 5 4 2 4	1 1 1 2 4 6 4 2 2 2
11 12 13 14 15 16 17 18 19 20	9 3 2 3 2 1	2 3 2 3 0 1 1 3 2	232202233	2 3 2 3 0 1 1 2 2	2 2 2 0 1 1 3 2	2 3 2 1 0 1 2 3 3	2 3 2 1 0 1 3 3 3	3 4 3 1 0 1 3 2 2	3 2 2 1 0 1 1 2 1	4 1 4 2 0 2 1 2	0 1 1 1 2 1 3 0	0 1 1 1 0 1 2	0 0 1 1 1 1 4	0 2 2 1 2 0 3 0 I NVALI	0 1 3 1 4 4 2 0	0 2 1 2 3 4 1 0	0	0 1 0 2 1 0	6 0 2 0 0 1 1 1	501104220	4 1 1 0 3 3 3	1 1 1 2 5 2 0	2 2 2 1 2 4 2 0	2 3 2 1 2 3 2 0	1 2 2 2
21 22 23 24 25 26 27 28 29 30	1 1 1	1 1	1 1 1	1 1 2	1 2 2	1 2 2	1 1 2	1 1	4 3 1	3 4 1	3 4 1	- - 1 3	DATA DATA DATA DATA OATA O	INVALI INVALI INVALI INVALI INVALI 10 5	ID - ID - ID - ID - 3	3 4	3 0	00	0 1	1 0	1 0 ****	1 1 ****	1 1 ****	1 1 ****	2 2 2 ******
31	****	****	***	****	****	****	****	****	****	****	***	***	****	***	0	0	1	2	4	1	0	****	0	1	*****
MEAN	3	2	2	3	2	2	2	2	2	2	2	1	2	2	2	2	T	1	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 69.0 PERCENTAGE OF DATA INVALID - 30.5

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTANT	- S	ULPH	HUR DI	OXIDE								UNITS	- 0	01 PA	RTS/N	HILLIC	N						
	ST	ATION -	SW	NO	14016		OPPOS	ITE I	LAMBTON	GS	HWY40	cou	RTRIG	нт		MON	тн -	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	1 3 1 1	1 3 1	2 * 3 2 1	3	0 3 1	**** 3 1	0 4 1 1	0 4 0 0	3	2 1 0 1	2	2 3 1 4	****		5 2 1	4 2 0	5 3 1	6 3 1	5 3 0	6 3 0	5 1 0	3 1 1 ****	4 2 1 ****	3 1 0	3 1
6 7 8 9	**** 3 3 4	**** ** 2 3 4	** * 2 3 3	2 3 3	**** 2 3 3	**** 2 3 3	**** 2 3 3	**** 2 3 3	2 3	2 4 3	**** 2 3 2	- **** 2 2 2	DATA 1 2	INVAL INVAL 1 2 3 2		1 2 3 2	2 2 3 2	2 2 3 2	2 3 4 2	2 3 4 2	2 3 4 2	3 3 4 2	3 4 2	2 3 4 3	2 3
11 12 13 14 15 16 17 18 19 20	3 2 2 2 2 1 1 1 1	3 2 1 2 2 1 1 2 1 0	2 1 1 2 2 1 1 2 0 0	2 1 1 2 2 1 1 1 0 0	2 1 1 2 2 1 1 1 0 0	2 1 1 4 2 1 1 1 0 0	2 1 1 6 3 1 0 2 0 1	2 1 0 3 3 1 1 2 1 0	1 1 2 3 1 1 2	2 3 3 1 0 1	1 2 3 3 1 0 1 0	1 2 3 2 3 1 0 6 1 2	2 2 2 1 0 3 1	2 3 2 2 1 1 1 2 1 2	8 2 1 0 1 13 4 1	2 1 1 0 1 8 3 2	1 1 1 1 0 8 4 1	3 1 2 2 1 0 6 1 1	2 1 2 2 1 0 2 1 1 0	2 2 2 1 0 1 2 0 0	4 1 2 2 1 1 1 2 0 0	3 1 2 1 1 2 2 0 0	3 2 3 2 1 1 1 0 0	2 2 3 3 1 1 1 1 0 0	2 2 2 1 2 2 1
21 22 23 24 25 26 27 28 29 30	0 0 1 1 0 1 1 1 1 1 2	0 0 1 1 0 0 1 2 1	0 0 1 2 0 1 0 3 1 1	0 0 1 2 0 0 1 2 1 1	0 0 1 2 0 0 1 1 1	1 0 1 2 0 0 0 1 0 1	1 1 0	0 0 1 1 0 0 0 1 1 1	1 2 1	0 0 3 0 - 0 1 1 1 1 1	1 1 1 0	2 1 ***** 2 0 1 1 1 1	0 2 2 0 1 1 1	1 0 1 2 4	2 1 4 1 0 1 3 1	2 1 3 1 0 1 2 2 8 1	1 1 4 1 0 2 2 2 2 6	3 1 2 1 1 1 2 3 4 1	2 1 3 0 1 1 2 4 2 1	2 1 2 0 1 1 1 2 1 1	0 1 1 0 1 1 1 1 1 1 1	0 1 1 1 1 1 - 1 1	0 1 2 0 1 1 2 1 2 0	0 1 2 0 1 1 1 2 1	1 2 1 0 1 1 2

PERCENTAGE OF DATA VALID - 88.3

1 1 1

MEAN

PERCENTAGE OF DATA INVALID - 10.8

1

PERCENTAGE OF DATA UNAVAILABLE - 0.8

2

1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

1 1 1

"-" INDICATES DATA IS UNAVAILABLE

1

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

2

POLLUTANT - SULPHUR DIOXIDE

	STAT	TION -	SW	NO	14016		OPPOS:	TE L	AMBTON	GS	HWY40	COURT	RIGHT			MON	TH -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MI	EAN
1 2 3 4 5 6 7 8 9	1 0 0 1 0 1 1 2 0 1	0 1 0 0 0 1 1 2 0 1	0 0 0 1 0 1 1 2 0 1	0 0 0 0 1 1 2 0 1	0 0 0 0 1 1 1 0 1	1 0 1 0 1 1 1 1	1 0 0 1 1 1 0 1	0 0 0 3 0 1 1 3 3 1	0 0 0 4 0 2 1 6	0 0 0 3 0 2 2 6 0 0	0 0 6 1 2 1 5 0	0003522600	0 0 0 3 1 2 2 5 0 0	0003122300	0 0 0 6 1 6 2 0 0 0	0008222000	1 0 4 5 3 2 0 0	0028233000	0 0 1 2 1 2 2 0 0	0 0 1 2 2 0 1	0 5 0 1 2 3 0 1	0 0 3 0 **** 2 3 0 1	0 0 2 0 2 2 0 1 1	1 0 1 1 1 1 2 - 1 1	0 0 1 2 1 2 2 2 0 0
11 12 13 14 15 16 17 18 19	0 0 1 0 0 0 0 2 3 3	1 0 1 0 0 0 0 2 3 4	0 0 1 0 0 0 1 2 3 5	0 1 1 1 0 0 1 2 3 5	0 1 0 0 0 1 2 3 5	1 1 1 0 0 0 1 2 3	0 0 1 2 3	0100-00235	0 1 0 0 0 0 2 3 5	0 1 0 0 - 0 0 2 3 4	0000 - 11235	0 0 0 1 2 3 4	000000000000000000000000000000000000000	000000000000	0000002232	0000002232	00000000000	0 0 0 0 0 0 2 3 3 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000002341	1 0 0 0 0 2 3 3 1	0000002331	1 0 0 0 0 0 0 2 3 3 1	0 0 0 0 0 0 2 3 3 1	0 0 0 0 0 1 2 3
21 22 23 24 25 26 27 28 29	1 1 2 1 2 2 0 2 2	1 1 2 1 1 1 2 2 2	1 1 2 1 1 1 2 2	1 1 2 1 1 1 1 1 1 1	1 1 2 1 1 1 1 1 1 1 1 1	11 11 11 11 11 11 11 11 11 11 11 11 11	1 0 1 1 1 1 1 1 1 1 1 1	3 1 - 1 1 1 - 0 1 1	6 0 - 1 1 1 1 0 1 2	8 0 . 1 1 1 1 0 1 0	9 0 **** 3 2 1 1 4	10 1 1 3 9 1 1 - 2 4	9 0 1 3 7 0 1 1 2 5	7 3 1 3 13 1 3 5 1	6 0 1 4 3 1 3 8 1 5	5014312214	5 0 1 4 2 1 2 7 1	1 5 0 1 1 2 1 1	1 1 5 1 1 1 2 1 2	1 1 2 1 1 1 2	1 1 1 1 2 2 1	1 1 1 1 1 2 1 1	1 1 1 2 1 2 2 1	1 1 1 2 1 2 2 1	3 1 1 2 2 1 1 2
31 Mean	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	0	0	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PC	LLUTA	NT -	SULPH	HUR DI	OXIDE	•							UNITS	- 0.	01 PA	RTS/A	ILLIC	N						
	ST	ATION	- SW	NO	14016	5	OPPOS	SITE	LAMBTO	N GS	HWY40	COUR	TRIGH	т		MON	ITH -	AUG	76						
HOUR Day	` 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	1	0	О	1	1	1	1	1	1	1	1	1	1	0	٥	0	1
2	0	0	0	0	1	1	1	1	0	0	0	1	0	1	- 1	1	0	0	****	0	0	0	0	0	0
3	1	1	1	1	1	1	1	1	0	0	0	0	٥	0	0	٥	٥	0	1	0	1	0	0	1	0
4	1	1	1	1	1	3	3	2	1	C	٥	0	1	1	1	3	3	3	2	2	2		2	2	2
5	1	1	1	1	1	2	2	3	•	3	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1
6	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	- 1	1	1	1	2	1	0	0	,	1
7	1	1	1	1	1	3	1	1	1	- 1	0	0	0	0	O	0	1	1	1	1	0	1	1	- 1	1
8	****	1	1	1	1	1.	1	1	1	1	1	1	0	0	0	2	2	1	0	0	٥	0	0	0	1
9	0	1	1	1	1	1.	1	2	7	9	4	3		3	- 4	5	6	3	0	0	1	1	1	- 1	3
10	0	1	0	1	1	1	7	1	1	1	2	2		1	1	- 1	0	0	0	1	1	0	0	1	1
11	1	1	2	3	2	1.	1	1	2	3	4	4	0	6	3	2	2	3	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	****	2
13	2	2	1	2	2	3	2	2	1	1	1	- 1	1	1	1	1	1	1	1	1	1	1	1	1	1
14 15 16	1	3	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	1	1	0	1	1	2	3	3	3	3	5	0	0	0	0	1	1	1
16	1	1	1	1	1	1	2	1	1	0	0	0	0	1	1	1	٥	0	0	-	0	0	-	****	1
17	- 1	1	1	1	1	1.	1	1	٥	***	1	0	0	0	1	3	1	0	0	0	0	0	0	٥	1
18	0	1	1	1	1	1	1	2	9	3	1	0	2	10 6 4	4	5	2	2	1	2	2	1	2	2	2
19	2	2	2	2	2	2	2	2	1	2		3	3	6	5	2		2	2	2	2	2		2	2
20	2	****		****	****	****	2	2	1	3	3	3	3	4	4	4	3	4	****	2	2	3	3	4	3
21	3	3	3	3	3	3	3	2		4	4	4	5	5	5	5	5	4	4	4	4	4	4	4	4
22	3	3	3	3	3	3	2	2	2	2	4	3	3	3	3	3	3	**	3	3	3	4	3	5	3
23	7	7	5	3	2	3	3	2	3	2	5	8	7	6	4	4	5	4	5	6	5	3	2	2	4
24	2	2	2	2	2	3	3	2	2	1	1	1	- 1	1	1	4	1	1	1	1	7	1	1	1	2
24 25 26	1	1			****	****	****	***				****		****	****	****		****	****	****	****			****	*****
26	****	****	****	****	****	****	****	****	****	****	****	****	****	***	****	1	0	0	0	0	0	٥	0	0	*****
27	0	0		****	0	٥	****	****	****	1	1	0	٥	1	1	2	2	1	1	1	1	1	1	1	1
28	1	1	0	0	0	٥	٥	٥		0	0	0	0	0	0	0	0	1	0	0	0	٥	0	0	0
29	0	2	1	1	0	٥	1	1	1	0	٥	****		****	****	****	****	****	****	****	0	0	0	0	*****
30	1	1	0	1	0	1	1	C	0	0	0	****	****	0	0	0	****	0	0	0	1	1	1	2	0
31	2	2	1	2	2	1	1	1	2	2	1	2	4	5	2	2	3	4	3	5	7	2	2	2	3
MEAN	1	2	1	1	1.	1	2	1	2	1	1	2	2	2	2	2	2	1	Ĩ	1	1	1	1	1	1.5

PERCENTAGE OF DATA VALID - 90.6

PERCENTAGE OF DATA INVALID - 8.9

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - *- * INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STAT	ION - S	W NO	14016	C	PPOSI	TE LA	MBTON	GS F	WY40	COURT	RIGHT			MONT	гн - :	SEP	76						
HOUR DAY	1	2 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9 10	1 3 2 3 2 2 1 0 1 2	1 1 2 2 2 2 3 3 3 1 2 2 1 2 1 1 1 1	2 2 2 2 1	1 2 2 2 2 2 2 1 1 2	1 2 2 1 2 2 2 1 1 2	1 2 2 1 2 2 3 1 1 2	1 2 2 1 2 3 2 1 1 2	3 1 1 2 3 1 1 2	1 0 2 1 2 1 0 1 3 2	2 0 1 1 1 0 0 1 4 1	1 0 3 1 1 0 0 1 2 1	1 0 2 1 1 0 1 1 2 1	1 1 0 0 1 1 2 1 2 1	2 1 0 0 1 1 4 1 1 1 1	1 0 0 0 2 0 4 1 1 1	2 0 1 0 2 0 4 1 1 1	1 0 1 0 2 0 4 1 1 1	1 0 1 1 0 3 - 1 1	3 1 1 0 0 3 1 1 1	2 1 1 1 1 2 1 2 2	3 1 1 2 1 1 1 2 2 2 2	2 2 1 2 1 1 1 2 2	2 2 2 1 2 1 1 2 3	2 1 1 1 2 1 2 1 2 2 2
11 12 13 14 15 16 17 18 19 20	3 1 1 1 1 2 1 1	2 2 1 2 2 2 1 2 1 0 0 1 1 2 1 1 1	2 2 2 0 1 ****	2 2 2 2 0 0 1 1 1 1 1	2222101111	3 2 2 2 0 0 1 1 2	222101121	2 2 1 0 1 1 2	1 1 2 2 1 0 1 1 0	1 1 2 1 1 - 0 1 0 1	0 1 3 2 1 1 0 0 0 1	0132362011	0122433000	0 1 2 2 4 2 2 0 1 1	0 1 2 2 3 1 1 0 1 1	0 1 4 2 3 ****	1 1 2 1 0 3 5 0 1 1	0 1 2 1 0 3 1 0	0 1 1 2 2 1 1 0 1 1	0 1 1 1 3 0 1 1	1 1 1 1 1 3 0 1 2	1 1 1 1 1 3 1 1 2	1 1 0 1 2 2 1 1 2	1 1 2 2 1 1 2 1 1
21 22 23 24 25 26 27 28 29 30	2 *** 1 2 2 1 1 2 2 2	2 2 ** 2 1 1 2 2 3 3 3 1 1 1 2 2 2 2 2 2	2 1 2 4 3 2 2 2	2 2 1 2 4 3 1 2 2 2	2 2 2 2 4 2 - 1 2 2	22242-222	2 2 2 4 2 1 2 2 2	1 2 1 2 3 2 1 2 2 1	1 2 1 3 3 2 1 1 1	0209121112	0 1 13 1 2 1 0 3	0 1 1 7 1 2 1 2 1	1 1 0 0 0 0 2 1 1 ***	0 1 0 0 0 2 1	0 0 0 0 1 1 0 0 3	0 0 0	- 0 0 1 2 0	0 0 0 1 1 1 0 0	1 1 2 1 2 2 1 0 1	1 1 2 2 2 1 1 1 1	2 1 1 3 2 2 1 1 1 1	2 1 2 2 1 2 2 1	2 1 2 3 2 1 1 2 2 1	1 1 1 3 2 2 1 1 1
MEAN	2	2 2	2	2	2	2	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	2	2	1.4

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	ST	ATION	· s	NO NO	14016	3	OPPOS	SITE	LAMBTO	N GS	HWY40	coul	RTRIGH	Т		мом	тн -	ост	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	2	2	2	2	2	2	1	1	0	4	1	0	0	0	٥	0	***	٥	1	1	1	2	1	
2	2	2	2	2	2	2	2	2		2	1	4	1	2	3	3	3	0	0	ō	4	i	2	2	,	
3	2	2	2	2	2	2	2	2		2	3	10	7	5	15	9	4	4	2	Ť	2	2	2	2	2	
4	3	2	3	3	3	3	3	3		2	2	3	2	ō	***	ā	o	3	2	Å	3	2	1	2	7	
5	****	2	2	2	2	2		-	2	6		6	4	10	10	4	1	1	-	7	2	2	÷	1	2	
6		7	~	2	1	2	2	1	2	4	3	- 1	2	2	2	3	3	3	3	3	4	4	4	3	3	
7	3	3	3	3	3	3	3	3		****	_	***	***	ō	ő	0	õ	1	0	0	o o	4	8	0	2	
8	0	0	0	0	0	0	0	0		0	,	0	0	0	0	0	ő	ó	0	~		1	ò	0	1	
9	****	0	-	0	0	0	0		-	0		٥	0	0	-	0	u		Ü	0	0	0	-		Ü	
		0.572	0	****			0	0		0.00	0		0		0	0		0	- 1	O	0	0	0	0	0	
10	0	0	0	0	0	0	U.	0	0	1	1	0	O	***	****	***	***	****	***	****	0	****	* * * *	0	****	
73. S	704 MON	NAME OF THE	programme in	266-5			-		05.0000007	Transportant	-	110	220	020	-	020	120	70					-0.0	550		
1.1	***		***		****	****	0	***	***		0	1	2	0	0	0	0	0	0	0	0	0	0	0	O	
12	0	0	0	0	1	1	1	1	1	0	0	1	0	0	1	1	0	2	1		****	0	1	2	1	
13	1	0	٥	0	0	0	0	***	***	****	****	***	000	****	****	***	***	***	***	***	0	****	0	1	*****	
14	***	***	****	****	0	0	٥	0		0	***	Q	U	****	****	****	***	0	0	1	2	***	0	0	*****	
15	0	0	0	0	0	0	0	0	0	0	****			****	0	1	1	2	3	-	11		>=	1-1	1	
16													DATA													
17												- D.	ATA UN	AVAIL	ABLE	-										
18												- D.	ATA UN	AVAIL	LABLE											
19	(-)	-	-	-	:=:	-	196	-		12	-	-	(*)			-	1.00		196		_			1	*****	
20	0	0	0	1	1	1	1	1	0	0	1	2	1	4.1	0	1	1	1	1	- 1	1	1	1	1	1	
21	- 1	1	1	- 1	1	4	1	1	1.1	1	1	0	1	1	11	1	0	19	11	1	1	1	1	_	1	
22	1	1	- 4	1	1	1	1	1	1	1	1	-1	1	1	1	1	1	1	1	1	4	ò	Ó	1		
23	1	1	1	1	1	1	1	1	2	1	1	4	ò	ò	- 1	2	3	3	2	,	4	1	1	•	- 1	
24	4	1	- 1	i i	4	1	1	1	7	- 1	0	o	ō	0	•	1	1	1	1	- 1	4	1	,		- 4	
25	4	4	- 1	1	1	i	- 4	1	4	- 1	1	1	1	1	- 4	1	1	2	2	2	2	2	2	4		
26	2	2	2	- 4	2	2	2	2	4	2	2	2	2	- 1	2	3	ż	2	-	~	2	2	2	- 1		
27	2	2	2	4	2	2	2	2		4	- 6	6	- 1	5	2	0	-	4		-	2	2	2	38	2	
28	2	2	2	4	2	2	2	2	2	o		Ь	- 1	2	2	0					-	-		•	****	
		-	*	-		_		_	-	U		- 3			-	3	2	-	-		ī	-	-		****	
29	-		-	-		0	-	0			8	1	3	2	2			2	3	3	3	3	3	3	2	
30	3	4	3	3	4	4	5	4	4	4	4	5	5	5	5	5	4	5	4	4	3	3	3	3	4	
31	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	5	3	3	3	3	3	3	
MEAN	1	1	1	1	-	1	1	1	1	1	2	2	2	1000	.=-	-0.00	1	0.00				_				
MEAN	1	1	3	1	1	1	1	3	1	1	2	2	2	2	2	2	1	2	2	1	2	1	1	1	1.5	

PERCENTAGE OF DATA VALID - 73.0

PERCENTAGE OF DATA INVALID - 7.5

PERCENTAGE OF DATA UNAVAILABLE - 19.5

- *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAT	ION -	SW	NO	14016	- 1	OPPOSI	TE L	AMBTO	N GS	HWY40	COUR	TRIGH	T		MON	TH -	NOV	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	333200000	3 3 2 0 0 0	3 2 2 0 0 0 1	3 3 2 0 0 1 1	3 3 2 0 0 0 1 0 0	3 3 2 0 1 0 1 0	3 3 2 0 1 0 1 1 0	3 3 2 0 1 0 1	3 5 3 2 0 1 0 1	3 5 3 2 0 0 1 0	2 5 2 3 0 0 0	2620011020	8620001010	2620000010	0000	2521000010	2420000120	2 3 2 0 0 1 1 1 2 0	3 3 3 0 0 0 0 1 2 0	3 3 0 0 0 0 1 1 0	3 2 0 0 1 2 1 0	33 30 0 0 1 0 0	2 3 3 0 0 0 0	3 2 0 0 0 0 0 0 0	3 4 3 1 0 0 1 1
11 12 13 14 15 16 17 18 19	0000002222	1000000000	0 0 0 0 0 2 2 2 2 2	0 0 0 0 0 3 2 2 2 2	0 0 0 0 1 3 2 2 2 2	0000004222	000004222	0000004222	0 0 0 0 0 4 2 2 2	1 0 0 0 0 0 5 2 1 2	00000-222	0 0 0 **** 5 2	200	0 0 0 2 7 2 2 2	1 6 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 3 2 2 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 2 3 1 2	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000333333	0000032222	0 0 0 0 1 4 2 2
21 22 23 24 25 26 27 28 29 30	2 2 0 1 1 1 1 2 1	2 2 1 1 1 1 1 1 1 2	2 2 0 1 2 1 1 1 1 1	1 2 0 1 2 1 1 1 1 1 1 1	2 2 0 1 5 1 4 1 2 1	2 2 0 1 1 0 1 1 1 0	2 2 0 2 1 1 1 1 0	2202201110	2 2 1 1 2 1 2 1 1	1 3 1 2 3 1 1 1 1 2	2 2 0 2 3 ***** 1 1 1 1 1	2 2 1 1 2 1 2 1 1	2202312111	2 2 1 1 3 2 2 1 2 1	1 1 3 2 2	20112221111	2011121121	2 0 1 1 1 2 2 0 2 1	2 1 0 1 1 2 1 0 2 0	3 0 1 1 1 2 1 1 2 0	2012021120	2 0 1 1 2 2 1 1 2 0	2 0 1 1 1 1 1 2 0	2 0 1 1 1 1 1 2 0	2 1 1 2 1 1 1 1 1 1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	.UTAN	r - :	SULPH	IUR DI	OXIDE							1	UNITS	- 0.0	DI PA	RTS/M	ILLIO	N						
	STAT	ION	· sw	NO	14016		OPPOS	ITE L	AMBTO	N GS	HWY40	COUR	TRIGH	τ		MON	TH -	DEC	76						
HOUR DAY	Ť	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 1 4 4 4 6 2 3 1 0 3	1 1 3 5 5 2 3 1 0 0	1 2 3 6 4 2 4 1 0 0	1 3 6 4 1 3 1	1 1 3 6 4 3 2 1 0 0	2 1 3 6 4 2 1 1	2 1 2 7 4 2 2 0 1	1 1 2 7 3 3 2 1 1 2	1 2 1 8 4 5 3 0 1 1	1 2 2 8 4 6 2 0 1 2	4 2 9 3 5 2 1 2	1 10 3 7 2 0 3	4 1 9 3 7 1 0 3	4 2 10 3 7 0 0 7 0	4 2 8 3 6 1 0 2 0	4 2 8 2 6 3 1 0 0	2 3 2 7 3 5 2 0	2317343000	2 3 2 7 10 4 3 0 0	2326933000	1 3 6 12 3 1 2	1 3 6 10 2 1 1	1 3 2 6 4 2 2 1 1 1	1 3 5 2 3 1 1 6	1 2 7 6 4 2 1 1
11 12 13 14 15 16 17 18 19	1 0 1	10010000	0 0 1 1 0 0	0 1 1 2 0 0 0 0 0 0	0022001000	00120	0 0 1 3 0 0 0 1	0014000010	0 1 1 5 0 0 1 0	0 1 1 4 	0 1 0 4 1	1 1 0 3 0 3 - 3	0 1 0 10 0 0 2	000000000000000000000000000000000000000	0 1 . 0 0 2 0 1 1 0	1 0 0 0 2 0 1 2 0	000000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 1 0 0	1 0 0 0 1	0 0 0 0 0 0 1	1 1 1 0 0 1 0 1 2	0 1 1 0 0 0 0 1 1 1 1 0 0 2	0 0 0 0 2	0 0 1 2 0 0 1 1 1
21 22 23 24 25 26 27 28 29 30	3333333342	3 3 3 3 3 3 4 1	4 4 3 3 2 2 3 3 4 2	4 3 3 2 3 2 3 2 3 2 3 2	4 3 3 3 3 2 3 4 4	4 3 3 3 3 2 3 4 4	4 4 3 3 3 2 3 4 4 2	5533323442	4 6 3 3 3 2 3 4 4	5 3 3 3 2 3 4 4	5 2 2 2 2 3 3 4 0	5 6 2 3 2 1 3 3 3	5 6 3 2 1 2 3 3 2	4 6 3 2 2 4 3 1	4 6 3 2 1 3 3 1 0	4 5 2 2 2 2 2 3 3 1	4 3 11 2 2 3 4 1	3 4 3 6 2 3 ****	4 4 3 3 2 3 **** 3 1 2	4 3 8 3 3 3 3 1 2	333333422	3 3 3 3 3 4 1 3	3332333414	3 3 3 3 3 4 1	4 4 3 2 3 3 3 3
31 Mean	3 2	3 2	2	2		2 2	2	1 2	1 2	1 2	1 2	1 2	0	0 2	0 2	2	2	1	1	o 3	1	0 2	2		1 2.1

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 3.8

PERCENTAGE OF DATA UNAVAILABLE - 1.9

- -- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - SW	NO 140	16 OPPOSITE	LAMBTON	GS	HWY40	COURTRIGHT

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2.1	10	63
FEB	20	1.9	3	13
MAR	31	1.2	2	10
APR	27	1.7	5	24
MAY	21	2.0	6	* 10
JUN	26	1.6	3	13
JUL	31	1.3	3	13
AUG	28	1.5	4	10
SEP	30	1.4	3	19
oct	22	1.5	4	15
NOV	30	1.2	4	7
DEC	31	2.1	7	29
YEAR	326	1.6	10	63

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

POLLU	ANT - 50L	PHUK	DIOXIDE										UN	115 - 0	. OT PARIS/MIL	LION
STATI	ON - SW	NO 14	016	OPP	OSIT	E LAMB	TON	GS	HWY	40 (coui	RTRI	GHT			
	MONTH OO	TO 04	05 TO	10	11	TO 14	15	ТО	25	26	то	39	40	&OVER	TOTAL	
	JAN	645		48		1			2			2		2	700	
	FEB	513		25		6			0			٥		0	544	
	MAR	687		9		0			O			0		0	696	
	APR	599		34		2			3			0		O	638	
	MAY	467		46		C			0			0		0	513	
	JUN	621		14		1			0			0		0	636	
	JUL	679		39		1			O			0		0	719	
	AUG	644		30		0			0			0		0	674	
	SEP	699		3		1			1			٥		0	704	
	OCT	521		20		1			1			0		O	543	
	NOV	680		15		0			Q			0		O	695	
	DEC	644		55		2			٥			1		0	702	
	METO	E 0 0 0	,	200		200			-			-				

FREQUENCY	DISTRIBUT	ION BY P	ERCENTILES									
	PERCENT					CONCEN	TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	88 4	0	0.0	0.2	0.8	1.5	2 0	3 0	5.6	7.0	60	

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE

	STA	TION	- SW	NO	14049		156 V	ICTORIA	ST	NORTH	SA	RNIA				MON	TH -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	2 1 2 1 13 13 13 1	1 1 2 1 18 7 1 3	1 1 2 2 16 7 1 3	1 1 2 1 14 5 1 2	1 1 1 1 2 8 7 4 2	1 1 1 2 2 8 8 4 3	1 1 1 2 7 5 5 3 1	1 1 1 2 1 7 2 2 2 2	1 1 2 2 7 2 4 1 3	1 2 1 2 2 10 1 4 2 2	1 3 1 2 2 9 2 2 2 4	1 4 1 4 9 3 2 1 13	2 4 1 2 3 14 3 2 1 7	1 3 1 2 1 14 3 2 1 4	1 2 1 2 1 14 4 2 2 3	1 4 1 2 11 12 7 2 3	1 6 1 3 12 8 7	1 10 1 1 6 3 9 2 2 3	1 11 1 5 3 7 2	1 8 1 9 5 ****	0 4 1 1 1 1 5 3 2	0 4 1 16 17 5 2 1	1 2 1 16 9 5 2 1 3	10 15 2 3 2 3	1 3 1 2 5 10 5 2 2 3
11 12 13 14 15 16 17 18 19 20	3 4 18 2 2 4 4 0 3	3 4 10 2 1 4 5 0 2	5 3 15 4 1 12 5 0 1 2	6 3 11 2 1 11 5 0 2 3	1 5	B 67 1 1 8 4 2 7 2	7 3 6 1 1 - 4 2 4 2	5 2 5 2 1 5 4 2 3 2	4 2 8 1 1 2 3 1 1 2	4 2 6 1 6 * 3 3 1 1 * 2	3 2 6 1 ••• 2 3 1	2 6 5 1 2 2 3 2 ****	4 3 5 1 10 1 3 8	4 5 6 1 6 2 2 10 26 1	2 5 2 2 2 2 7 20 1	2 **** 2 1 2 1 2 4 15 2	2 12 3 2 1 1 2 2 15 1	2 **** 1 1 1 2 2 10 1	2 12 3 1 1 1 1 1 1 14	2 7 3 2 2 2 1 2 15 1	2 2 2 3 3 1 2 15 1	4 2 2 3 3 1 3 9	1 1 3 4 1 4 5 3	4 13 1 2 3 4 0 5 4	4 5 6 2 2 4 3 3 B 2
21 22 23 24 25 26 27 28 29 30	4 2 3 4 2 1 1 2	6352321222	8 1 6 2 4 2 1 2 3 1	6 1 3 2 4 2 2 2 2 4	1 2 4 10 3 2	7 1 1 2 3 7 4 2 2 1	9 1 1 2 4 3 2 2 2 1	2	9 1 2 2 3 - 2 5 1 1	2	3 1 2 2 4 4 4 10	4 4 3	1 1 2 3 4 1 13 1 2	2 1 1 2 3 3 1 6 1 2	1 2 4 4 2 1	5 4 2 1	1 1 6 3 0 2 11 1		1 1 2 6 **** 2 2 11 1	1 2 3 6 4 1 2 8 1 0	1 2 4 4 4 1 1 5 1 0	3 6 4 3 1 1 4	3 2 6 4 3 2 1 3 1 1	2 1 3 4 2 2 1 2 1 0	4 1 3 3 3 2 6 1
31	1	1	1	1	2	1	5	5	3	8	10		9	8			5		6	7	7	7	7	8	5 2.4

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTAN	NT - 5	ULPH	JR DIC	XIDE							1	UNITS	- 0.0	01 PA	RTS/N	ILLIC	N						
	ST	ATION	- SW	NO	14049	7	156 VI	CTOR	IA ST	NORT	H SAR	RNIA				MON	тн -	FE8	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	11 7 9 1 2 2 2 1	12 10 6 2 1 2 2 1	12 3 6 4 2 1 2 2 15	15 1 2 4 1 2 1 2 4 15	14 1 2 4 2 2 2 2 2 3 19	13 1 4 4 2 3 2 2 4 13	10 29 5 2 2 2 2 2 3 1 5	10 1 7 3 1 5 2 2 1	10 3 9 2 1 4 2 2 3 9	10 2 16 2 1 2 2 1 8	13 3 18 2 1 2 2 4 9	10 1 17 2 1 3 7 3 7	8 1 17 2 1 2 13 2 12 22	2 1 26 2 1 3 12 3 16 7	1 2 1 2 1 2 2 20 3 14 4	1 10 2 1 2 23 3 18	1 10 1 1 2 17 3 14	1 7 1 1 2 14 2 6	10 10 1 1 2 13 1 3 5	1 2 4 1 1 2 7 1 3 3	1 2 3 1 - 2 5 1 1 1 1	1 2 3 1 - 2 3 1 5 3	1 2 3 1 1 2 3 1 5 2	1 3 1 1 2 3 1 7	7 2 9 3 1 2 7 2 6
11 12 13 14 15	1 1 12 1	1 1 10 1	2 3 6 1	1 8 3 1	1 3 2 1	1 2 1 1	0 2 1 1	1 2 1	1 4 2 2	1 13 0 2	1 12 1 2			1 15 1 6 INVAL INVAL		1 19 1 7	18	21 1 2	1 10 1	1 19 1	1 26 1 1	1 B 1 1	1 15 1 1	14	1 11 2 2
	1 1	**** 1 1 1	1 1	2 1 1	1 1	1 1 1	1 1	1 1	1 1 1	1	1 1	1 1 1	1 2 1	4 9 1 2	11 10 1 2	10 4 1 5	17 9 1 4	9 4 1 4	7 2 1 1	1 1	1 1	1	1 1 2	1 1 2	3 1 2
21 22 23 24 25 26 27 28 29	2 1 1 7 11 3 2	1 1 10 13 8 3 1	1 0 1 8 13 5 3 1	1 1 1 9 11 5 3 1 3	1 1 10 10 3 2 2 10	1 1 3 10 12 2 3 1 3	1 3 10 13 1 2 1 3	1 1 12 13 2 2 0 8	15 5 2 1 7	10 2 1 3	1 2 10 12 12 2 1 2 5	1 5 11 12 12 2 1 2	1 6 14 13 4 2 1 3	1 1 4 14 13 2 1 2 3	1 3 7 19 2 2 2 2	1 8 7 9 3 0 2 2	1 12 9 - 3 0 2 2	11 9 2 1 2	13 9 3 2 1 2	1 1 15 10 9 3 2 1	0 1 6 4 8 3 5 1	1 1 5 7 9 2 11 1	1 10 12 2 8 1 1	1 1 10 10 3 2 1	1 1 5 10 12 4 3 1 3

PERCENTAGE OF DATA VALID - 89.1 PERCENTAGE OF DATA INVALID - 4.6

PERCENTAGE OF DATA UNAVAILABLE - 6.3

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION -	- SW	NO	14049)	156 \	/ICTOR	IA ST	NORT	H S	ARNIA				MON	тн -	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	**** 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 10 1 - 2	1 1 1 1 1 - 3	1 1 1 1 1 1 1 2	0 1 1 2 1 **** 2 0 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 ****	1 1 6 1 1 0 2	1 1 1 3 1 1 0 2	1 1 0 0 4 1 1 2 5	1 1 1 **** 1 1 1 1 8	**** 1 0 1 1 1 1 2 7	1 **** 3 0 1 1 1 1 2 5	1 **** 2 1 1 - 1 0 3	1 1 1 1 **** 1 2 0	1 1 3 1 1 **** 1 2 2	1 - 2 1 1 1 **** 11 1 3	1 1 1 1 2 8 1 4	1 1 1 1 **** 2 7 1 2	1 1 1 1 **** 1 2	1 1 1 4 1 1 1 ****	1 1 1 3 1 1	1 1 0 1 1 1 1 1 1 1	1 1 1 1 1 2	1 1 1 2 1 2 1 3
11 12 13 14 15 16 17 18 19 20	1 1 2 2 1 0 1 1 14	2 1 2 2 2 1 1 1 17 17	1 1 2 4 2 0 1 4 14 14	1 1 2 9 3 0 1 7 11 5	1 **** 2 5 1 0 1 2 11 3	1 1 2 4 1 0 **** 8 9	1 1 2 4 2 0 **** 8 10 2	1 1 2 6 3 1 ****	1 1 2 6 2 0 **** 2 10	1 2 3 6 2 2 0 2 8 9	1 2 2 4 1 2 0 2 6	3 2 4 2 1 0 4 4	3 2 4 1 1 1 8 5		**** 3 2 2 0 1 1 7 3 5	**** **** 2 1 1 3 4 7	1 2 2 2 0 1 1 2 5 10	1 2 2 2 0 0 1 1 7 8	1 2 3 1 0 1 1 1 8 9	1 7 2 1 0 0 2 11 5	1521011296	1 14 2 1 0 0 1 5 13	1 3 2 2 0 1 0 12 13 8	0 2 2 1 0 1 1 15 18 4	1 3 2 3 1 1 1 5 9 8
21 22 23 24 25 26 27 28 29 30	6 0 3 9 4 1 11 4 0	4 0 4 16 3 1 8 4 0	1 7 16 2 1 3 2 1	1 0 10 15 2 1 3 1 0 2	0 6 18 2 1 2 2 1 2	1 0 7 21 2 1 8 2 1	0 0 6 15 1 1 1 12 2 1 3	0 3 24 1 3 8 1	0 0 2 2 2 2 2 3 1	**** 21 1 2 2 1 2 3	1 0 **** 23 1 2 2 1 2	0 4 18 2 2 2 1 1 3	0 7 15 1 3 8 2 4	1 0 10 10 1 3 1 2 2 3	0 16 12 1 1 1 3 2	0 2 14 16 1 4 1 2 3	1 6 17 16 1 3 1 1	1 14 18 15 1 3 1 1 2	0 10 10 23 1 3 1 1 1 2	0 4 7 9 1 3 - 1 1	1 5 4 6 0 2 1 1 1	0 3 5 3 1 **** 2 1 1	0846043020	0 9 8 7 1 11 3 1	1 3 8 15 1 3 4 2
31 MEAN	0	0 4	3	0	0	0	3	3	3	3	3	3	3	3	3 0	3	3	0 3	3	0 2	0	0 2	0	0	0 2.9

PERCENTAGE OF DATA VALID - 93.8 PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POI	LUTANT	- 9	ШРН	UR DIO	XIDE							1	PITTE	- 0 4	D1 PAR	RTS/MI	יחדוו	ď						
		TION -			14049		IEE VI	CTORT	л ст	NORTH	J E V I	SALT A			0.0		TH - 4								
	SIA	TON	- SW	NO	14049	,	20 47	CIURI	A 51	NORTH	1 SA)	KNIA				MON	in - 4	1PK	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 2 1 1 1 1 1 1 5	0 1 1 1 1 2 1 2 1 3	0 1 1 1 2 1 1 1 2 2	0 1 1 2 2 0 1 1 3	0 1 1 1 2 1 1 1 1 3	0 2 2 1 2 1 0 1 1 4	0 1 2 1 2 1 1 2 1 1 0	0 1 2 1 2 2 1 2 1 2 1	1 1 2 1 2 - 1 4	3 1 2 1 2 **** 1 3 1 3	8 **** 2 1 1 1 1 1 3	9 1 2 1 1 1 1 1 2	4 1 1 1 1 1 1 2 1 1 1	1 2 2 2 2	2 3 0 1 1 1 2 2	5 1 3 3 0 1 1 1 2	2 1 3 2 1 1 1 1 3	1 1 2 1 1 2 1 0 2	2 1 1 1 1 1 1 1 1 1 1 1	1 2 2 1 1 1 1 1 0 1	1 2 1 1 2 0 1 0 1 2	2 2 1 1 2 1 1 3 2	1 2 1 1 1 1 6 3	2 4 2 1 1 1 1 5 2	2 1 2 1 1 1 1 1 1 3
11 12 13 14 15 16 17 18 19 20	2 1 1 5 8 1 7 2 8	1 1 2 3 2 0 1 6 4 8 0	2 2 2 4 9 4 6 1 1 1	3 4 1 4 1 9 6 4 2 2 0	1 1 2 4 14 2 5 2 2 0	1 1 4 18 1 7 2 2	1 1 3 8 3 7 4 1 0	1 1 2 8 9 5 13 13	1 1 2 11 6 7 17 17	1 1 3 11 8 10 12 9	1 1 2 9 8 6 12 10 1	1 1 2 5 7 7 10 9 1	1 1 2 7 3 2 9 8 1 0	1 1 2 9 4 2 8 9 1 0	1 1 3 12 9 4 7 12 1	1 1 2 13 10 8	1 1 2 16 11 7 11 12 1	1 1 2 18 11 8 14 14	1 1 2 6 8 12 6 13 2	1 1 2 3 7 6 2 14 2	1 1 2 4 5 10 2 9 1	1 1 3 6 7 12 1 3	1 1 4 7 4 10 1 4	1 1 4 5 1 9 2 6 1 0	1 1 2 7 9 6 7 8 2
21 22 23 24 25 26 27 28 29 30	0 5 2 1 1 1 2 1 0	0 4 2 1 1 1 1 2 0 1	2 7 1 1 1 1 2 1 5	2 9 1 1 1 2 2 2 1	3 6 1 1 1 1 1 1 1 2 1 1	2 3 1 1 1 1 3 1 4 4 ***	1 1 1 3 2 2 4 1	2 1 1 1 2 2 1 2 4	1 1 1 2 1 1 1	4 1 1 1 1 1 1 1 2 12	10 1 1 1 1 1 1 2 2	8 1 1 1 1 1 1 1 2 4	4 1 1 1 1 1 1 1 2 4	3 2 0 1 2 1 1 2 1 7	2 1 1 1 1 1 0 1 1	3 1 1 1 1 1 0 1 5	2 2 1 1 1 2 0 2 8	2 2 1 1 1 1 1 1 9	2 1 1 1 1 1 1 3	2 2 1 1 1 1 0 1 2	4 1 1 1 1 1 0 1 2	4 2 1 1 1 1 2 0 1 2	2 1 1 1 1 0 1 3	3 2 1 1 1 1 1 0 1 2	3 3 1 1 1 1 1 1 2 4
MEAN	2	2	3	3	2	2	2	3	4	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2.6

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE . 0.8

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

DOLLLITANT	EUI DULID	DIAYIDE

	ST	ATION	• SW	NO	14049		156 V	CTOR	IA ST	NORT	H SA	RNIA				MON	ITH -	MAY	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	5	11	6	3	3	4	3	4	7	7	6	5	2	3	3	2	2	6	6	3	3	4	4
2	1	1	1	1 2	1 2	2	1	- 1	2	2	5	2	3	2	2	0	1	0	0	2	0	0	1	- 1	1
3	0	2	2	0	1	1		1	1	•	1	1	- 1	1	1	2	- 1	1	2	5	9	14	16	24	4
-	11	7	20	17	12	17	20	10	7	6	5	5	ė	9	10	ลิ	5	à	7	6	2	- 7	1	- 1	8
6	- 11	- 4	20	- 4	12	1	1	1	ó	1	1	1	0	1	0	ŏ	****	1	ó	õ	ō	i	ó	1	1
7	,	ò	- 1	•	i	1	ò	ò	ŏ	ò	ò	1	1	1	1	1	- 1	ò	ŏ	1	ī	- 1	1	1	1
Ŕ	•	ĭ	- 1	- 1	2	2	2	2	1	ĭ	1	- 1	1	1	- 1	1	1	1	1	1	1	2	1	1	1
9	1	2	1	3	4	3	3	3	2	1	2	2	2	2	1	1	2	2	2	1	1	2	3	1	2
10	1	****	1	1	2	1	2	2	2	. 2	2	3	2	4	9	12	15	12	11	12	8	12	9	2	6
11	2	1	1	1	1	1	1	1	1	1	1	-	****		-	1	0	1	0	0	1	1	0	1	1
12	2	ó	ó	ò	o	ò	Ó	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1
13	3	2	1	1	1	1	2	3	9	14	4	1	0	12	2	2	2	3	4	4	3	2	2	3	3
14	5	5	3	7	4	5	7	9	12	9	11	10	6	8	5	2		2	2	2	1	1	1	1	5
15	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	3	3	2	1	1	- 1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	3	9	15	5	5	7	7	8	5	3	2	3	6	2	4	4
17	***	4	5	2	1	2	4	3	2	1	1	1	1	- 1	1	1	1	1	1	1	- 1	1	1	1	2
18	1	1	1	2	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
19		٥	0	٥	0	٥	0	0	0	0	0	0	0	0	0	0	1	1	****	1	0	1	1	0	0
20	0	1	1	1.	1	1	2	5	2	2	1	2	2	2	2	2	2	2	1	1	1	1	,	1	2
21	1	1	1	1	1	1	2	1	1	0	****						****	****			****	****	****	****	*****
22	****	****	0	****	****		****	****	****	****		****		****			****	****		****	****	****	****	****	*****
23	****		****		****	****	****	****	****	# (# C E)	****	****	****	0	1	Ö		****	****	0		****	****		*****
24	****			****	****		****	****	****			****			0		٠						2	2	
25	0			****	****	****	****	****	****	2	1	٠	1	- 1	1			ò	0	1	2	0	ő	ő	
26	4	5	4	3	3	2	2	2	2	1	1	2	2	2	4	6	2	1	3	7	0	0	ő	õ	1
27 28	0	0	0	0	1000	٥	Ö	ò	ò	2	4	5		4	4	3		ż	3	- 4	ĭ	1	1	1	,
29	Ų	2	2	2		3	4	5	3	3	3	2	3	2	2	2	2	- 1	1	•	•	- 1	1	•	5
30	- 1	1	- 1	1	1	1	7	7	1	2	2	2	2	2	2	1	2	2	1	i	1	i i	3	3	2
30	,		1	0.	,		'			-	-	-	-	•	-		•	_						•	-
31	1	1	1	1	1	1	٥	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 86.7 PERCENTAGE OF DATA INVALID - 12.5

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	. 5	ULPH	UR DIC	XIDE							ı	UNITS	- 0.0	O1 PAI	RTS/M	ILLIO	N						
	STA	TION -	SW	NO	14049	,	56 V	CTOR	A ST	NORTH	SA	RNIA				MON	тн	JUN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 1 1 0 1 1 2 1 4	1 1 2 0 1 1 2 2 4	† † † † † † † † † † † † † † † † † † †	1 1 1 0 1 1 2 1 3	1 1 1 1 1 1 1 2 1 3	1 1 1 0 1 1 3 1 5	0 0 1 1 1 2 1 2 1 6	1 1 1 1 3 1 3 2 3	0 0 1 2 1 2	1 1 1 2 1 2 4 2 4 2	1 1 1 2 2 2 4 2	1 1 2 1 2 2 2 4 2	1 0 1 2 2 2 1 1 3 3	1 0 1 2 1 1 1 2 4 3	1 0 2 1 1 1 1 1 5 3	1 1 2 2 1 1 2 4 2	1 1 1 2 1 1 4 2	1 1 2 1 1 1 4 2	1 1 2 1 1 1 1 5 3	1 1 1 1 1 1 1 4 4	1 1 1 1 2 1 4 2	1 1 1 1 1 1 2 5	1 1 1 1 2 1 4 2	1 1 1 1 2 1 5 2	1 1 1 1 1 2 3 3
11 12 13 14	3	3	2	2	4	2	1	1		-	7	- DA	TA UNI TA UNI TA UNI	AVAIL AVAIL AVAIL	ABLE ABLE ABLE		13	26	- 28	22	. 16	12	6	-	•••••
16 17 18 19 20	5 1 0 1 0	3 1 0 1 0	0 0 1 0	1 0 1 0	1 0 0 1 0	2 1 0 1 0	2 3 1 1 0	2 0 3 1 1	3 3 1 1	2 0 12 0 1	1 0 18 0 3	1 0 3 1	2 0 3 1 1	2 0 3 1	1 0 3 0 1	1 0 2 1 0	0 2 0	200	0 2 0	1 0 3 0	3 0	3 0	1 0 1 0	1 0 0	2 0 3 1 0
21 22 23 24 25 26 27 28 29 30	0 1 3 2 0 1 1 2 1 1	1 1 3 2 0 0 1 1 1 1 1	0 1 3 2 0 1 1 1	0 1 3 2 1 1 1 2 1 1	0 1 3 2 0 0 1 1	0 1 3 4 0 2 1 1 1 1	0 1 3 5 0 2 1 1 1	0 1 3 1 1 1 1 1 2 1	0 3 0 1 - 1 2 1 1 1 1	0 5 1	0 1 4 1 1 1 2 5 1 4	0 1 2 1 3 2 5 1 2	1 2 4 1 1 4 3 8 1 1	2 10 1 3 4 3 1	1 1 2 1 1 2 5 8	1 6 1 1 2 8 8 1 6	1 2 8 1 1 5 8 1 4	1 2 3 1 1 5 7 1 3	1 2 3 1 1 1 3 7 1 2	1 2 1 1 1 3 4 1 2	1 2 2 1 1 1 3 5 1 3	1 1 2 0 0 1 - 2 1 2	0 2 2 0 0 1 3 2 1 1	0 3 2 1 0 1 2 1 1 1	0 2 3 1 1 1 3 4 1 2
MEAN	1	1	1	1	1	1	1	1	1	2	3	2	2	3	2	3	2	3	3	2	2	2	1	1	1.8

PERCENTAGE OF DATA VALID - 85.3 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 14.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

MONTH - JUL STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA HOUR 18 .19 24 MEAN DAY 1 2 3 ò o ò 0 2 D o o 5 7 8 9 0 2 DATA INVALID 12 13 14 15 16 17 18 19 20 DATA INVALID 0 0 2 1 ō 10 0 0 0 1 0 2 ò ō ò 22 23 24 25 26 27 0 0 1 0 0 Ö 29 O MEAN 1.0

PERCENTAGE OF DATA VALID - 85.9

PERCENTAGE OF DATA INVALID - 10.8

PERCENTAGE OF DATA UNAVAILABLE - 3.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTAN	т -	SULPH	UR DI	OXIDE							1	JNITS	- 0.0	1 PAF	RTS/M	LLIO	N						
	ST	ATION	- SW	NO	14049	E	156 \	/ICTORIA	ST	NORTH	SAF	AINS				MONT	гн - д	UG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 1 0 3 2 2 0	0003320000	0001420000	0 0 0 1 4 1 0 0 0 0	0 0 0 1 5 1 0 0 0 0	0 0 0 1 8 1 0 0 0 0	0 1 0 1 8 1 0 0 0	0	1 0 0 2 - 0 0 0 1 2	00000910003	0 0 0 2 7 1 0 0 1 5	0 0 0 3 5 1 0 1 1 2	0 0 1 5 5 1 0 0 1 3	0 0 2 4 2 0 0 1 1	0 0 3 9 2 0 0 1 1 0	0 0 2 0 0 0 1 4	000000000000000000000000000000000000000	0 3 14 2 0 0 0 6	0 0 4 9 1 0 0 0 0 1	0 0 3 4 1 0 0 0 0 1	0 0 2 5 1 0 0 0 0 1	0 0 2 5 1 0 0 0	0 0 2 3 1 0 0 0 0 0	0 0 2 2 2 0 0 0 0 1	0 0 1 4 4 1 0 0
11 12 13 14 15 16 17 18 19 20	1 8 3 1 1 0 0 0 1 3	1 9 5 1 1 0 0 0	4 6 3 1 0 0 1 0 0 0	562102200	3 9 3 1 1 2 1 0 1 ****	3 6 3 0 1 0 2 1 1	4 9 3 1 0 0 2 1 1	9 2 1 0 2	5 3 2 1 1 0 1 8 0 3	14 6 1 1 1 0 **** 3 4	15 7 4 1 1 1 1 1 10 5	15 5 3 1 1 1 1 7 4	9 3 1 1 1 1 1 3	17 2 1 1 2 1 1 1 8 6	12 1 0 1 2 1 1 1 7	11 2 1 0 1 1 1 6 8	9 1 0 0 1 1 1 3 8	14 1 0 0 1 1 2 6	10 1 1 0 0 1 1 1 5	7 2 1 0 0 - 1 1 2 6	6 2 1 0 0 1 0 1 1 4	10 2 1 0 0 0 0 1 2 4	6 2 1 0 0 - 0 1 1 3	9	8 4 2 1 1 1 1 3 5
21 22 23 24 25 26 27 28 29 30	6 4 1 0 3 1 13 1	7 3 3 1 0 4 1 12 1	7 3 3 1 **** 2 1 9	6 3 3 0 **** 1 1 9 1 0	4 3 3 0 **** 1 1 7 0 0	2 3 2 1 **** 1 3 8 1 0	1 3 2 1 **** 2 3 3 1	2 1 **** * 3 8 2 0	4 4 1 1 *** 3 8 2 0 0	6 5 14 1 1 2 7 2	5 4 1 1 1 4 8 3 0 0	4 3 0 1 1 7 9 5 1 0	63 01 1683 00	7 3 0 1 1 9 4 2 0	7 3 0 1 1 13 13 2 1	7 4 1 1 8 16 2 0	10 6 1 1 17 13 2 0	6 1 1 7 17 2 1	6 7 1 2 1 7 10 2 0	5 6 1 1 3 13 2 0	5 8 1 1 2 11 1 0	7 6 1 1 3 1 1 0 0	6 6 1 1 2 14 1 0	4 4 1 1 3 1 16 1 1	5 4 2 1 1 5 8 4 0 0
31 MEAN	0	0	0	0	0	1 2	1	2	7 2	11 3	12	12	12	3	3	9	11 3	16 4	4 3	2	2	2	2	1	5 2.4

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTH - SED

	STA	MOITA	. SW	NO	14049	1 !	56 V	CTORI	A ST	NORTH	SAR	NIA				MON	тн -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	IEAN
1 2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	ō	0	ò	0	0	0	0	3	10	11	13	8	12	7	10	10	12	11	4	4	6	7	15	15	7
4	9	6	4	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
5	1	0	0	0	0	0	0	0	1	0	0	0	٥	0	0	0	0	0	0	.0	.0	ō	0	5	2
6	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	4	. 1	3	10	10	6 5	6	5	2
7	6	4	3	1	1	3	1	1	3	5	5	7	5	5 3 6	6	13	15	14	18	17	13	2	2	1	2
8	1	1	1	1	1	1	1	1	2	2	3	3	3	3	0	2	3	1	4	10	ő	ő	ő	ò	5
9	1	1	1	1	0	0	1	1	5	10	9	6	7	ő	2	ò	ò	****	ō		••••	ő	ŏ	ŏ	2
10	0	0	0	0	0	0	0	0	0	٥	U	U	U	U	U	U	•		U			٠	•	•	
11	****	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	٥	0	0	٥	0	0	1	0	0
12	0	ŏ	õ	ō	o	o	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	2	3	1	1
13	2	3	3	1	2	3	4	6	7		3	7	6	7	9	11	9	7	4	3	3	3	3	5	5
14	8	7	5	5	3	3	2	6	6	7	10	8	9	9	14	14	12	6	3	3	3	4	3	3	6
15	2	2	1	1	1	1	1	1	1	1	1	0	1	0	1	0	0	0	1	0	0	0	0	٥	1
16	0	0	0	0	0	0	0	0	1	2	-	1	2	1	••••	2	- 2	1	1	1	1	1	2	1	1
17	1	1	1	****	1	1	1	1	1	1	1	1	1	1	0	- 1		1	1	2	3	3		- 1	1
18	1	1	1	1	1	2	3	3	2	2		1	1	5	1	6	6	5	4	,	2	2	3	ż	3
19	1	1	1	1	1	1	1	1	2	1	2	2	•	1	5	1	1	ő	1	- 7	1	- 1	1	- 7	3
20	1	3	2	2	2	1	1	,	4	,	-	-	*		•			•				•		-	-
21	1	0	0	0	0	0	0	0	0	1	1	0	٥	0	0	0	0	•	-	•	5	0	0	0	0
22	٥	****	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
23	0	0	0	1	1	9	5	2	1	1	1	1	1	1	1	1	1	1	2 2	0	0	0	Ö	1	
24	0	0	0	0	0	0	1	1	0	1	5	2	3	2	4	3	7	3	2	ò	0	0	ŏ	ò	
25	0	2	2	3	2	2	2	2	1	1		- 1	,	- 1		- 4		,	1	1	ŏ	1	1	ŏ	i
26	0	٥	٥	1	1	1	٥	1	0	- 1	ò	- 1		;	ò	ó	0	ò		ò	ŏ	- 4	1	2	- 1
27	0	٥	0	0	ò	ō	ō	5	o	ò	ŏ	ò	ò	ò	ŏ	ŏ	o	ŏ	0	ŏ	ŏ	ò	ò	ō	Ó
24 25 26 27 28 29	2	0	Ö	••••	ő	٥	ŏ	ŏ	ŏ	ő	1	1	ī	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	2	1	1	ĭ	2	4	6	9	8	8	1 1	6	7	10	2	1	2	1	1	1	4
MEAN	•	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	2	2	1	2	1	1.8

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 1.0

..... INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- -- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - OCT 156 VICTORIA ST NORTH SARNIA STATION - SW NO 14049 HOUR 3 2 3 1 2 3 4 5 6 7 8 9 10 626.000001 000000N 0 0 0 1 12 13 14 15 16 17 18 19 20 6 2 2 1 6 -0 0 22 23 24 25 26 27 28 0 2 0 30 2.0 MEAN

PERCENTAGE OF DATA UNAVAILABLE - 6.6 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA VALID - 92.2

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS . O. O1 PARTS/MILLION

	STA	TION -	SW	NO	14049	1	56 VI	CTORIA	ST	NORTH	SA	RNIA				MON'	TH . N	10 V	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9 10	5 3 2 1 1 1 1 1 1 1 1	3 5 1 1 1 1 1 0	3 9 1 1 1 1 1 1 1 1 1 1	4 6 1 1 2 1 1	2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 4 1 3 1 3 1 2 1 1	1 4 1 6 1 1 2 1 1 1	1 3 1 3 1 3 1 1 3 0	1 3 1 1 4 1 1 3 1	3 5 1 3 2 2 1 1 2	3 17 1 11 2 2 1 1 8 2	2 18 1 5 2 1 1 8 1	2 16 1 2 1 1 2 1	1 14 1 2 1 2 1 1 2	1 1 1 1 1 1 1 3 1	2 9 1 1 1 1 1 1 2 0	13 10 1 1 1 1 1 3 2	2 9 1 1 1 1 1 2 1 1 1	3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	52211111111111	5 2 4 1 1 1 1 1 1 1 1 1	4 2 1 1 2 2 1 1 1 1 1 1 1	3 2 1 - 2 1 1 2 1	1 2 1 1 3 1 1 1 1 0	3 7 1 2 1 2 1 1 2
11 12 13 14 15 16 17 18 19	1 1 1 1 3 1 1 1	3 2 1 1 1 1 6 1	1 1 1 1 1 7 1 1 2	2 1 0 1 1 1 13 1 2	2 1 1 1 1 1 1 2 1 1 1 1 1	1 1 1 2 8 2 1 2	1 2 1 2 1 8 2 1 2	1 2 1 1 1 1 1 1 2 2	2 1 1 2 2 10 2 1 4	1 2 1 1 2 1 17 2 1 17 2	1 1 1 2 2 - 1 0 1	1 **** 1 1 1 19 1	1 0 1 1 1 1 1 1 1 1 1 1	1 0 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 0 2 2 1 1 2 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 2 2 1 9 10 1	1 0 1 1 1 3 9 1 1	1 1 1 2 2 9 0 1	1 1 1 2 16 1 1	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 2 2 9 1 1	1 1 2 1 1 1 1	1 1 1 1 1 1 9 4 1
21 22 23 24 25 26 27 28 29 30	2 1 1 1 13 0 0	1 1 1 1 2 15 4 0	2110690006	2 1 1 2 8 0 0 0 2	1 1 1 2 11 1 0	2 1 1 2 4 12 2 0 1 4	1 1 2 6 4 6 0 0 5	2 1 1 6 8 1 1 9 0 0 2	1 1 8 10 13 5 0 2	1 1 3 8 16 0 0	1 1 2 9 18 0 0 0	1 1 1 8 18 1 0 1	1 1 1 8 13 1 1 0	1 1 1 10 8 1 0	1 0 1 1 12 4 1 1 0	2 1 1 3 7 1 0 0 1	1 1 2 10 1 0 1 1	1 1 1 1 2 8 1 0	2 1 1 2 9 0 0 1 1	1 1 2 2 0 0 1 1	1 1 0 2 0 0 1 1 1	2 1 1 1 0 0 1 1 1 1	1 1 1 2 0 0 0 1 1	1 1 3 7 0 0 1 1	1 1 1 2 5 9 1 0 1 2
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	2	2	2	2	2	1	1	2.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POI	LUTANT	- S	ULPH	UR DI	OXIDE							3	UNITS	- 0.0	1 PAR	RTS/M	ILLIO	N						
	ST	TION -	SW	NO	14049		156 \	VICTORIA	ST	NORTH	SA	RNIA				MONT	гн -	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 1 1 2 1 1 2	1 1 3 1 2 1 1	1 1 3 1 1 3 1 1 3	1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 3 1 1 2 1 1 1 5	1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 3 1 1 1 1 1	1 1 3 1 1 1 1 1 0 1 2	1 1 1 2 5 1 1 1 1 8	2 1 0 2 8 2 1 2 4 6	1 3 3 3 2 2 2 2 6	6 2 1 3 2 1 1 5	0 6 2 1 6 1 1 2 4	0 5 2 1 9 1 0 4	0 4 1 1 8 1 1 2 4	0 1 1 6 1 1 3	2 1 1 1 6 1 1 0 2	3 1 1 7 1 1 0	4 0 1 1 1 6 1 0 0	2 1 1 1 2 7 1 0 1 1	2 0 1 1 2 4 1 0 2 1	1 0 1 1 2 5 1 0 2 0	1 1 1 3 1 0 1 1	1 1 2 1 1 3 1 1 1	2 1 2 2 2 4 1 1 1 5
11 12 13 14 15 16 17 18 19 20	1 8 0 **** 4 2 1 0 2 8	1 7 0 6 1 1 0 2 5	1 4 0 0 5 1 4 1 5 3	0 3 1 0 2 1 4 0 9 2	7 1 0 1 5 0 11 2	1 6 2 **** 1 1 2 1 9 1	0 1 0 1 1 1 1 9	0 2 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 0 1 1 1 6 1	1 1 1 0 2 2 2 1 1 5	3 1 0 0 2 5 2 1 10 2	6 2 0 0 2 5 - 5	8 1 0 0 2 4 1 9	8 1 	5 1 - 2 5 2 0 0 6 9	5 1 6 4 3 2 11 8 1	7 1 . 4 2 3 3 0	20002222	1 0 0 2 2 2 3 1 2 3	00000011130	1 0 0 1 1 3 1 1 8	5 0 0 1 1 1 0 1 6	7 0 0 2 1 1 1 1 3 3	8 0 **** 1 1 1 1 3 ****	3 2 0 1 2 2 2 3 7 2
21 22 23 24 25 26 27 28 29 30	2 4 1 4 1 1 1 0 2	3 8 2 4 1 1 1 0 2	0 4 6 1 3 1 2 1 2	0 4 3 2 7 1 2 2 0 5	0 7 2 2 7 1 2 2 1 8	0632311215	0 8 2 1 4 1 1 1 0 5	9 3 2 3 1 1 1	0 13 2 5 4 1 1 1 2	0 15 3 6 2 1 1 1 0 2	0 15 2 6 3 1 1 1 0 4	**** 13 2 7 3 1 5 1 2 8	0 13 3 7 2 1 3 1 1	2 15 2 8 2 2 2 1 1	2 14 1 7 2 1 1 2 2	3 16 2 4 2 1 1 1 2 2	3 13 2 1 2 1 1 1 2	3 9 2 1 2 1	2 8 1 1 2 1 *****	2 7 2 1 2 1 1 1 1 1 1	2 6 1 4 2 1 1 1 1 5	2 8 1 4 2 1 2 1 2 5	2 9 1 4 2 1 2 1 2 4	2 4 1 4 2 1 2 1 2 3	1
31 MEAN	2	3	2	2	3	3	1	1 2	2	2	1	2	2 3	2 4	2 3	2 3	2	2	2	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 1.9

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	CW	NO	14049	156	VICTORIA	ST	NORTH	SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.4	10	26
FEB	26	4.3	12	26
MAR	31	2.9	15	28
APR	30	2.6	9	20
MAY	26	2.2	8	24
JUN	25	1.8	4	28
JUL	26	1.0	4	16
AUG	31	2.4	8	17
SEP	30	1.8	7	18
ост	29	2.0	6	19
NOV	30	2.2	9	21
DEC	31	2.4	9	17
YEAR	346	2.4	15	28

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

STATION - SW	NO 14049	156	VICTORIA	ST NORTH	SARNIA		
MONTH OO	TO 04 C	5 TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL
JAN	566	121	24	14	1	0	726
FEB	447	91	51	29	2	0	620
MAR	578	78	19	22	1	0	698
APR	603	77	22	8	0	0	710
MAY	567	57	13	8	٥	0	645
JUN	573	30	6	3	2	0	614
JUL	608	29	1	1	٥	٥	639
AUG	590	100	21	8	0	٥	719
SEP	619	67	13	5	0	0	704
oct	608	58	13	7	0	0	686
NOV	634	49	17	14	0	0	714
DEC	608	88	11	7	0	0	714
YEAR	7001	845	211	126	6	0	8189

FREQUENCY DISTRIBUTION BY PERCENTILES

T	PERCENT	UN DI	PERCENTILES				TRATIONS					ARITH
	OF DATA	MIN	10	30	FREQUENCY 50	70	90	95	98	99	MAX	MEAN
	03.2	0	0.0	0.3	0.8	1.7	6.1	9.3	13.2	15.7	28	2.4

POLLUTANT - SULPHUR DIOXIDE

g.	STAT	ION -	SW	NO	15001		WESTERN	FAIR	GROUN	DS	KING/	RECTO	RY,LO	NDON		MONT	гн -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9 1	0	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 0 0 1 1 1 2 2 2	0000011122	0 0 0 0 1 1 1 2 2	0 0 1 0 0 1 1 1 2 4	0 0 1 0 0 1 1 1 1 1 4	0 0 1 0 0 1 1 1 1 4	0 0 0 0 2 1 1 2 4	1 0 0 0 1 2 1 0 2 2	0 0 1 2 2 0	1 0 0 0 1 2 2 1 3 3	1 0 1 0 1 2 2 1 4 4	1 0 0 0 3 3 1 1 5 3	1 3 0 0 2 4 1 1 3 3	1 4 1 0 2 3 1 1 2 2	1 2 0 0 1 3 1 1 0 2	0 1 0 0 2 2 1 1 2 2	0 3 0 0 2 2 1 3 2 2	0300121222	0 3 0 0 1 2 1 1 2	0 2 0 0 1 3 **** 1 1 1	0 1 0 1 4 1 1 1 1 1	0 1 0 0 1 4 1 1 2	0 1 0 0 1 4 1 1 2 2	0 0 0 0 1 2 1 1 2 2	0 1 0 0 1 2 1 1 2 2
11 12 13 14 15 16 17 18 19	2 4 3 1 0 2 1 2 1 2	3 4 5 1 0 3 1 2 4 2	4 4 5 0 0 3 1 2 4 2	5 3 4 0 0 3 1 2 5 2	2 4 0 0 3 1 3 5	4 2 4 0 0 2 1 5 4 1	4 2 4 0 0 - 1 4 5 2	4 2 4 0 1 1 2 4 6 2	2 5 0 1 1 2 3 5	4 2 5 0 1 1 3 4 2 2	4 2 6 0 1 1 3 4 8 2	4 2 6 0 1 1 3 2 8 2	4 2 6 0 1 1 2 2 7 2	4 2 4 0 1 1 2 2 6 2	3 2 0 1 0 2 2 6 2	3 3 **** 1 1 2 2 2 5 2	3 4 1 0 1 1 2 4	3 **** 1 0 1 1 0 4	3 4 1 0 1 1 0 3 1	2 3 4 2 0 1 1 1 2	3 2 5 3 0 1 1 1 2 1	3 2 5 1 0 1 1 0 2 1	3 **** 4 0 0 1 1 0 2 1	4 3 3 0 1 1 2 0 2 1	4 3 4 1 0 1 2 2 4 2
21 22 23 24 25 26 27 28 29	1 1 0 2 2 3 1 1 2 1	2 1 0 2 2 3 1 1 1 1	2 1 1 2 2 3 1 1 1 1 1	3 1 0 2 2 3 1 1 2	1 1 2 2 3 * 1	1 1 2 3 *** 1 1 2 0	1 1 0 2 3 3 *** ** 1 1 1 1	1 1 0 2 2 2 ** 1 2 1 1	1 0 2 2 - 1 1	1 0 2 3 - 1 2 1 -	2 1 0 2 3 3 ***** 1 2 1	2 1 1 2 4 3 ! 2 1 1	3 1 1 2 5 3 1 2 1 1	2 1 1 2 4 4 1 2 1 1	2 1 0 2 4 3 1 3 1 1	2 2 4 3 1 2 1 1	1 1 2 2 3 2 1 1 1	1 1 2 2 3 2 1 1 1 1	1 1 3 2 **** 2 1 2 1	1 3 2 3 2 1 2 1 0	1 2 2 3 2 1 2 1 0	**** 1 2 2 3 2 1 2 1 0	1 1 2 1 1 2 1 1	1 1 2 2 3 1 1 2 0 0	2 1 1 2 3 3 1 2 1
31	0	0	٥	0	0	4	0	0	0	1	2	3	6	6	5	4	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97.8

MEAN

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - FEB STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON 9 10 11 12 13 14 16 17 18 19 20 21 22 23 24 MEAN HOUR Ò 0 8 10 11 12 13 14 15 0 16 17 18 0 3 19 20 21 22 23 24 25 26 27 28 29 1.5

PERCENTAGE OF DATA VALID - 93.5

PERCENTAGE OF DATA INVALID - 5.6

PERCENTAGE OF DATA UNAVAILABLE - 0.9

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	ST	ATION	- s	W NO	15001		WESTERN	FAIR	GRO	UNDS	KING	/RECT	ORY,L	ONDON.	¥.	MON	iTH -	MAR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1	****	0	1	0	1	0	0	0	1	1	0		1	1	1	1	1	2	1	1	1	1	1	1	1
2	1	1	1	0 1 0		1 0	0 1 0	1	1	1	1	1	1	1	1	1	•	•	0	0	1	1	1	•	1
3	1	1	0	0		٥	0	0	0	1	0	- The State of the	****	****	****	****	****	****	****	****	****	****	****	****	*****
4 5 6 7												•	DATA DATA DATA DATA	INVAL	LID -		_	_					-	22	
8	****			****	****	****	**** *	*** **	** *	****	***	****	****	****	****	1	2	2	1	1	. 1	0	0	0	*****
9	0	0	-	0	0	0	0	0	0	0	2	0	0	0	1	2	1		0	0	****	0	0	0	o
10	٥	****	0	0	()	0	0	0	0	1	2	2	1	0	****	0	0	0	1	3.	1	0	0	٥	٥
- 4	_								_		0						٥	- 0							
11	0	1	0	0	0	0	0	0	0	0	0	-	ò	-		****	ĭ	Ÿ		2			2	1	*****
12	****						0	0	1		,	•	7	- 1	- 4	1	ò		4	- 1	•	1	ó	ò	1
14	٥	ò		ò		- 1	•	•		- 1	- 1		4		4	,	ĭ	•	- ;	•			ĭ	ĭ	1
15	۲	٠	:	٠	- 1	4	i	4	÷	ò	- 4	,	- 1	•	- 4	•	i	1	4	•	4	•	i	ò	•
16	á	'n	ò	ò	ò	-		ó		ĭ	- 4	•	- 4	1		i	- 1	****	- 4	•	4	- 1	i	ĭ	1
17	1	·		1		- 4	- 1	ĭ		4	- 1	1	•	i	- 3	1	1	1	ò	•	ò	ò	Ó	1	•
18	•	4	- ;	ò		- 4	i	· i	1	2	i	1	2				3		3	3	3	2	2	3	2
19	à	3	,	2		2	2	2	ì	2	2	3	3	3	3		3	3	3	2	- 1	2	2	2	2
20	2	2	2			2		3	3	3	3	3	3	3	3		2	2	2	2	2	2	2	1	2
	-		•	-	_	1000	_		-		-	_			-				-	_	_				-
21	1	1	1	3	1	1	1	2	2 '	* * * *	1	1	1	1	1	1	1	1		1	1	1	1	1	1
22	1	2	:=	1	1	- 1	1	1	1	· ·	3	****	****	****	****		****	****	****	****	****	****	****	****	*****
23	****	****		****	****	****	**** *	*** **	•••		***	2	2	2			. 1	1	1	1	1	1	1	1	*****
24	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2		2	2	2	2	2	1	2	1	2
25 26	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1		. 1	_ 1	1	1	1	o	0	0	1
26	0	0	C			1	٥	0	1	0	1	2		2		4	4	3	2	2		****	3	2	2
27	2	2	2			2		3	3	2	2	2	1	1		_ 1		0	0		0	٥	1	1	1
28	1	1	1	1		1	1	1	1	1	1	1	1	1				1	1	0	0	0	0	Ü	1
29 30	0	0	C		1	2	1	1	2	0	2	2	2	2	2		3	2	_ 1	1	1	1	1		1
30	1	1	1		1	****	0	0	0	0	1	1	2	3	3	4	3	2	2	2	1	2	1	3	1
31	1	1	1	1	1	0	0	٥	٥	٥	٥	100	>)•1	0	0	0	٥	0	1	1	0	0	0	0	0

1 1 1 1 1 2 2 1

PERCENTAGE OF DATA VALID - 74.5 PERCENTAGE OF DATA INVALID - 23.5 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- S	ULPH	UR DIO	IDE							3	UNITS	- 0.	D1 PAR	RTS/MI	LLION	1						
	STA	TION -	SW	NO	15001	WE	STERN	FAIR	GRO	UNDS	KING,	RECT	DRY.L	NOON		MON	TH - A	PR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1 B	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	0001010011	0 0 1 0 0 1 1	0 0 0 1 0 1 0 0 1 1	0 0 0 1 0 0 1 2	0 1 0 1 1 1 1 0 1 1	1 1 0 0 1 1 1 0 0 1 1	1 1 0 1 1 1 0 0 2 2	1 1 0 1 1 1 0 2 3	1 1 1 1 2 1 2 1 2	1 1 2 1 0 2 1 1 3	1 0 2 1 1 1 1 1 1 3	1 1 1 1 1 1 2	1 1 1 1 1 1 2	1 2 1 1 1 1 1 3	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 1 1 1 2	1 2 1 2 1 1 1 2	0 0 2 1 1 1 1 3 1 1	0 0 1 1 1 0 0 1 1	1 0 1 1 1 0 1 1 1	1 0 1 1 0 1 1 1 1	1 0 1 1 1 2	0 0 1 0 3 0 1	0 0 1 1 0 3 1 1	1 0 1 1 1 1 1 1 2
11 12 13 14 15 16 17 18 19	1 1 1 3 1 1 2 2 1	1 1 1 2 1 2 2 1	1 1 1 2 1 1 2 2 1	1 1 1 2 1 1 2 2 1	1 1 1 2 1 1 2 1 1	1 1 1 2 1 1 2 2 1	1 1 0 1 2 1 1 2 1 0	1 1 0 1 2 1 1 2 1 1	1 1 1 2 1 1 2 2 1 0	1 0 1 3 2 2 1 2 1 0	2 0 1 3 1 2 1 2 1 1	3 0 1 2 2 2 2 2 1	1 0 1 2 2 2 2 2 2 1	1 0 1 3 2 2 2 2 1 1	1 0 1 3 1 2 2 3 1 1	1 0 1 3 2 2 2 2 1 1	1012222221	1 0 1 2 1 2 2 2 1	1 0 1 2 1 2 2 2 1	1 0 1 2 1 2 1 2 1	1 0 1 2 1 1 1 2 1 0	1 1 3 1 1 1 2	1 1 5 1 1 2 2 1	1 1 1 1 1 2 1 1	1 1 2 2 1 1 1
21 22 23 24 25 26 27 28 29 30	1 2 1 0 1 1 1 1	1 2 1 0 1 1 1 1 1	2 2 0 1 1 1 0 1 1 1	1 2 0 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 1 1 1	1 1 0 1 1 1 1 1	2 1 0 1 1 1 0 1 1 1 1	1 0 1 1 1 1 1 1 1	2 0 1 1 0 1 1	2 1 0 1 1 1 2 1 1	2 0 0 1 1 1 1 2 1 2	2 1 0 1 1 1 1 1 2	1 1 0 1 1 2 1 1 1 2	5 1 0 1 1 1 2	1 1 2 1 1 1 1 1 3	1 1 1 1 1 1 2	1 1 1 1 1 1 1 1 3	1 1 1 1 0 1 1 2 3	1 0 1 1 1 0 1 1 4	1 1 1 1 1 1 4	1 0 1 1 0 0 1 1 2 2	2 1 0 1 1 0 0 1 1 2	2 1 0 1 1 0 1 1 1	2 1 0 1 1 1 1 1 1 2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE

	ST	ATION	- SW	NO	15001		WESTERN	FAIR	GRO	UNDS	KING/	RECTO	RY,LC	NOON		MON	тн - г	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 2 1 1 1 1 1 1 1 1 1 1	2 2 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 2 1 1 1 1 1	2 2 1 1 1 1 1 1 2 1	2 2 1 1 2 1 1 1 2 1	2 2 1 1 2 1 1 1 1 1 1 1	2 2 1 1 2 1 1 1 2 2	2 1 1 2 1 1 0 2 0	2 2 0 1 1 1 1 1 2 2	3 2 1 1 1 1 1 1 2 2	2 2 0 1 1 1 1 2 3	3202211123	2 2 1 1 2 0 1 1 2 3	2 1 1 2 1 1 2 3	2 2 0 1 2 1 1 1 1 2	4 3 1 1 2	2 1 1 2 1 1 2 2	1 2 1 1 1 1 1 2 3	2 2 - 1 1 1 1 2 3	1 1 1 1 1 2 3	2 1 1 1 2 1 1 1 3	3 2 1 1 1 1 1 1 1 2	3 1 1 1 1 1 1 1 1 2	2 2 1 1 2 1 1 1 2 2 2 2
11 12 13 14 15 16 17 18 19	2 1 2 2 1 1 ****	2 1 1 2 0 1 1 1 1 1 1 1	2 1 2 3 1 1 1 1 1 1 1	1 1 2 4 0 2 1 1 1	2 4 1 2 1 1 1 1 1	1 1 2 3 1 2 1 1 1 1	1 1 2 2 1 1 1 2 1	1 2 2 2 1 1 1 1 1	1 2 3 2 2 1 1 2 1 2	1 1 5 2 2 1 0 1 1 3	1 1 5 2 2 2 2 1 1 3	1 4 2 2 2 2 1 1 3	3 2 2 2 2 2 1 1	3 2 1 2 1 1 1 4	- 4 2 2 1 1 1 3	1 2 1 2 2 1 1 1 3	1 2 1 1 1 2	1 3 1 2 1 1 1 3	1 1 3 2 2 1 1 1 1 1	1 1 2 1 1 1 2 1 1 2	1 1 2 1 1 2 1 1 2	1 1 2 1 1 1 2 1 1	1 2 2 1 1 1 1 1 1	1 1 2 1 2 1 1 1 1	1 1 3 2 1 1 1 1 1 2
21 22 23 24 25 26 27 28 29 30	1 0 1 1 0 1 1 2 2	1 0 0 1 0 0 1 2 2	2100000122	2 1 0 0 1 1 2 2	1 0 0 1 3 2	1 1 0 0 0 0 0 1 3 2	1 1 0 1 0 0 1 1 2 2 2	1 1 1 0 0 1 1 2 2	1 1 1 1 1 1 1 3 2	1 1 2 1 1 3 2 3 2	1 1 1 2 3 2 2	1 1 1 1 4 3 2 2	3 3 3 2 2	1 1 1 1 4 3 2 2 2	1 1 1 3 3 3 2 2	1 1 1 1 3 3 2 2	1 1 1 1 2 3 3 2	1 1 1 1 1 2 3 3	1 1 1 1 2 2 2 2 2 2	1 1 1 1 2 2 2 3	1 1 1 1 1 2 2 2 2 2 2	1 1 1 0 0 1 2 2 2	0 0 1 1 0 1 1 2 2 2 2	1 1 1 0 1 1 2 2 2 2	1 1 1 1 1 2 2 2 2 2 2
31 MEAN	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2 1	2	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	LUTANT	- s	ULPH	UR DIO	XIDE								UNITS	- 0.0	O1 PAR	RTS/M	LLIO	ч						
	STAT	rion -	SW	NO	15001		WESTERN	FAI	R GRO	UNDS	KING	/REC	TORY, L	ОИДОИ		MON	гн	JUN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 1 1 2 2 2 2 2	1 1 2 1 1 1 2 2 2 2 2 2	1 0 2 1 2 1 2 2 2 2 2	1 0 1 1 1 2 2 2 2 2 2	1 1 2 1 2 2 2 2 2 2	1 1 2 1 1 2 2 2	1 1 1 2 1 1 3 2 2 2	1 1 2 1 2 3 1 *	2 1 2 1 2 3 *** 4 2 2	1 1 2 2 4 3 3 2 3	1 2 3 2 2 3 2 3	1 1 1 2 2 2 2 2 3 2 3	1 1 2 2 2 2 2 2 4	1 2 1 2 2 2 2 3 3	1 2 2 3 2 2 2 2 2 3	1 2 2 3 2 2 2 3 3	1 2 3 3 2 2 2 4 3	1 1 2 3 2 2 2 2 4 3	2 2 2 3 2 2 2 3 3	1 2 1 2 2 2 2 2 3 3	1 1 2 2 2 1 2 3 3	1 1 2 2 2 1 2 2 2	1 1 1 2 2 2 1 2	1 1 1 2 2 2 2 2 2 2 2 2	1 1 2 2 2 2 2 3 3
11 12 13 14 15 16 17 18 19	2 2 1 2 - 3 1 0 3 1	2 1 1 2 - 4 1 0 2 1	2 1 2 2 1 0 3 1	3 1 2 2 1 0 2 1	2002	2 0 0 2 - 2 1 1 2 1	2 1 1 3 - 2 0 0 2 2	2 1 1 3 - 2 1 1 2 1	2 1 2 3 - 2 1 1 2 2	2 1 2 1 3 2 1 2 3 2	3 1 2 - 3 1 1 3 3 2	2 1 4 - 4 1 1 4 3 2		1 1 4 1 1 5 2	1 4 - 3 1 1 6 2	1 4 - 3 1 1 6 2	3 2 1 5 2 2	1 1 3 - 3 1 2 5 2 2	1 1 3 - 3 2 2 5 2 2	1 1 3 - 3 1 2 5 2 2	1 1 2 - 3 1 1 5	1 1 2 - 3 1 1 4 1	1 1 - 3 1 5 1	1 1 2 - 3 1 1 4 1 2	2 1 2 * **** ***** 2 1 3 2 2
21 22 23 24 25 26 27 28 29 30	1 1 2 2 2 1 2 2 1 2 1	1 1 2 2 0 1 2 2 2 1	2 1 1 2 2 1 2 2 1 1	1 1 2 1 1 2 2 1 2	2 1 1 2 2 1 2 2 2 2 2	2 1 1 2 2 1 1 2 2 2	1 1 2 2 2 1 1 2 2	2 1 2 2 2 2 1 1 1	1 3 3 2 - 2 2 1 2 2	1 4 4 2 - 3 3 0 2 2	1 4 3 2 2 3 3 1 2 2	2 3 **** 2 2 3 3 1 2 2	3 4 3 1 2 3 2 2	3 3 2 2 2 2 3 2 2	1 3 4 2 1 2 3 2	1 4 3 2 1 2 4 2 2 2	1 4 4 2 1 3 3 2 2 2 2	1 4 4 2 1 3 3 2 2 2 2	1 4 4 2 1 3 4 2 1	1 4 4 2 1 2 3 4 2 1	1 3 3 1 2 2 3 2 2	1 2 2 2 1 2 - 1 1	1 2 2 2 1 2 2 1 1 1	1 2 2 1 2 2 1 1 1	1 3 3 2 1 2 3 2 2 2
MEAN	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.0

PERCENTAGE OF DATA VALID - 95.1 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 4.2

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE

	STAT	ION	- SW	NO	15001		WESTERN	FAIR	GRO	UNDS	KING/	RECTO	RY.LO	NDON		MONT	н - J	IUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEA	in
1 2 3 4 5 6 7 8	1 1 0 1 1 2 2 1 1	1 1 0 1 1 2 2 1 1	1 1 0 0 0 2 2 1 1	1 1 0 0 0 3 2 1 2	1 2 1 1 0 0 3 2 1 2	1 1 1 0 0 3 2 1	1 1 1 1 1 1 1 3 2 1 2	1 1 1 1 2 2 1 ***	1 1 1 1 2 2 *** 2	1 1 1 2 3 3 2 1 2	1 1 2 1 2 3 3 2 1 3	1 1 1 2 2 3 6 2 1 3	1 1 2 2 2 3 5 2 1 3	1 1 2 2 2 3 4 3 2 3	1 1 2 2 2 2 3 3 2 4	1 1 2 2 2 3 3 2 2 4	1 1 2 1 3 3 2 2 4	1 1 2 1 3 3 2 2 4	1 1 2 1 3 3 3 2 4	1 1 2 1 3 2 2 2 4	1 1 2 1 3 2 2 2 4	1 1 1 0 2 3 2 1 3	1 1 1 0 3 2 2 1 3	1 1 1 1 3 2	1 1 1 1 2 3 2 1 3
11 12 13 14 15 16 17 18 19	2 1 1 0 2 1 0 0 1 1	2 1 0 0 1 2	2 1 1 0 2 1 0 0 1 2	1 1 0 2 1 0 0 1 2	2 1 1 0 2 1 0	2 1 1 0 2 1 0 0 1 1	2 1 1 0 1 1 0 0 1 2	2 1 . 0 . 1 0 1 1 2	2 1 1 0 1 1 0 1 2 2	3 1 1 0 0 1 3 3 3	3 1	3 1 1 - 2 1 0 1 1 3	3 1 1 1 1 1 1 0 1 2 3	3 1 1 2 1 0 1 3 3	3 1 1 2 2 1 0 1 3 3	3 1 1 2 2 0 0 1 3 3	3 2 0 0 1 3 2	3 1 1 3 2 0 0 1 3 2	2 1 1 4 2 0 1 3 2	2 1 1 4 1 0 0 1 3 2	1 1 4 1 0 0 0 2 2	1 1 2 1 0 0 0 2 2	2 1 0 0 0 2 2	1 1 0 2 1 0 0 1 2 2	2 1 1 2 1 0 1 2 2
21 22 23 24 25 26 27 28 29 30	1 1 0 1 3 0 1 0	1 1 0 0 3 0 1 0	2 1 1 0 0 - 0 1 0	1 1 1 1 0 1 0	2 0 1 1 0 1 - 0 1 0	1 0 1 1 0 0 1 0 0	2	1 0 2 - 0 0 0	•	2 1 2 2 0 1	2 6 3 1 2 2 0 0	2 1 1 3 1 2 7 - 1 1	1 1 2 4 1 2 2 1 2	1 1 2 2 1 3 1 3 1 1	2 1 2 1 3 1 3 0 2	1 1 2 1 1 3 1 2 0 2	1 2 2 1 3 1 2 0 2	2 1 2 2 1 4 1 2 0 2	2 2 2 1 1 4 1 2 0	1 2 2 1 1 4 1 2 0 2	1 2 1 1 1 3 0 1 0 1	1 2 2 1 1 3 0 1 0 1	1 2 2 1 1 3 0 1 0	1 1 0 0 0 3 0 1 0 1	1 1 2 1 1 2 2 1 0 1
31	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	2	2	2	2	1	1	1	1	1

MEAN

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"- " INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - AUG 24 MEAN HOUR DAY 0 0 1 3 4 5 6 7 8 9 o 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 1.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- " INDICATES DATA IS UNAVAILABLE

PERCENTAGE OF DATA VALID - 98.1

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA INVALID - 1.2

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION -	SW	NO 1	5001		WESTERN	FAIR	GRO	UNDS	KING	/RECT	ORY, LO	NDON		MONT	гн - 9	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 0 0 4 2 1 2 3 0 0	2 0 0 3 2 1 1 3 0 0	2 0 0 4 2 1 1 3 0 0	2 0 0 4 2 1 1 2 0 0	2 0 0 3 2 1 1 2 0 0	1 0 0 4 2 1 1 2 0 0	1 0 0 4 2 1 1 2 0 0	1 0 1 4 2 1 2 3 0	1 0 2 4 2 1 2 3 2 0	1005213241	1 1 1 2 2 1 2 0 2 1	1 1 **** 4 2 2 2 2 ****	1 0 3 3 2 2 3 3 **** 3 1	0 3 3 2 2 4 2 3 1	0 1 4 2 2 2 2 4 ****	0 1 3 2 2 2 3 2 2 1	0 1 4 2 2 2 3 2 2 1	0 1 6 2 2 2 3 2 1	0 1 5 2 2 1 2 - 1	0 1 4 2 2 1 2 1 1 1 1	0 1 3 2 1 1 2 1	0 1 3 2 1 1 2 1 1 0	0 0 4 2 1 1 3 1 0 1	0 0 4 2 1 2 3 1 1 0	1 0 2 3 2 1 2 2 1
11 12 13 14 15 16 17 18 19	1 1 2 2 3 2 2 1 0 2	0 1 3 2 2 2 2 1 0 2	0 1 3 1 2 1 2 2 0 1	0 1 3 1 2 1 *** 1 0 1	0 1 2 1 1 1 1 1 0 1	1 1 2 1 0 1 1 0 1	1 1 2 1 0 1 1 1 0 1	1 2 2 1 1 1 1 1 0	2 3 4 1 1 0 1 1 0	1 3 5 3 1 1 1 1 0	1 3 4 2 - 1 1 1	1 3 5 4 2 2 1 1	1 3 4 3 2 2 1 2 1 0	1 3 1 3 2 2 0 1 2	2 4 2 3 2 1 0 1 2 3	2523211311	2 5 3 2 1 0 2 1	2533210121	1 4 2 2 1 1 0 0 3 1	1 4 1 2 1 1 0 0 2 1	1 4 1 2 1 1 0 0	1 4 1 3 1 1 0 0 1 1	1 3 1 3 1 1 0 0	1 3 1 3 1 1 1 0 1 1	1 3 2 2 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 * 0 0 0 1 1 2 0	0 0 0 0 0 1 3 1 1	1 1 0 0 1 0 1 3 0	1 1 0 0 0 1 3	0 1 1 0 0 0 1 2 0 0	1 1 0 0 0 0 0 0 0 0 0	1 0 2 1 0 0 0 0 0	1 1 2 1 0 0 1 3	1 1 0 1 2 0 1 2 1 2	1 1 0 1 2 0 0 1 2	1 1 0 0 2 1 1 1 1 1 1	1 1 0 0 2 1 1 1 1 1 1	2 1 0 0 2 1 1 1 1 1 1	1 1 0 2 1 1 1 1	1 0 0 2 1 0 0	1 1 0 0 2 1 1 1 1 1 1	1 1 0 2 2 ****	1 0 1 0 1 1 1	0 0 0 1 1 0 1 1 0	0 0 0 1 1 0 0 0 0	1 0 0 0 1 1 0 0 1	0 0 0 1 0 0 1 0	0 0 0 0 0 0 0	1 0 0 0 1 1 0 0 1 0	1 0 0 1 1 1 1
MEAN	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

WESTERN FAIR GROUNDS KING/RECTORY, LONDON MONTH - OCT STATION - SW NO 15001 HOUR 9 10 11 12 14 15 24 MEAN DAY 1 2 3 5 6 7 8 9 12 13 14 15 17 18 19 20 22 23 24 26 27 28

PERCENTAGE OF DATA VALID - 92.6

MEAN

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 6.5

1.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	STAT	ION -	SW	NQ	15001	-9	WESTERN	FAIR	GRO	UNDS	KING/	RECTO	RY,LO	NOON		MONT	H - 1	VOV	76						
HOU	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 M	EAN
1 2 3 4 5 6	1 0 0 0 0 1 1	1 0 0 0 0 1 1	0 0 0 0 1	0 0 0 1 1	2 0 0 0 0 1 1	0 0 0 1	20000	3 0 0 0 0 1 1	2 0 0 0 0 1 1	2 0 0 0 0	1 0 0 0 1 1 1	1 0 1 0 1 1 1	2 0 1 0 1 1 1	2 0 1 0 1 1 1	1 1 - 1 1 1	0 0 1 0 0 1 1	0 0 1 0 1 1 1	1 0 0 1 1 1	0 1 0 0 0 1 1	0 0 0 1 1 1	0 1 0 1 1 1 1	0 0 0 1 1 1	0 0 - 1 1	0 0 1 0 1 1	1 0 0 1 1
8 9 10	1	1 2 1	2 2	1 1	1 2	1	1	1 1	1 2	1 2 1	1	2	2	1	1	1 2 1	1 2 1	1 2	1 1	1 2 1	1 2 1	1 1	1 2 1	1	1 2 1
11 12 13 14 15 16 17 18 19	1 1 1 1 2 1 2 1 1	1 1 1 2 1 4 1 1 0	2 1 1 2 1 5 1 1	2 2 1 1 2 1 5 1 0 0	1 1 2 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 2 1 5 1 1	1 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 5 1 1 0	2 1 1 1 2 1 5 1 1 0	1 1 1 1 4 1 1 1 1	1 1 2 0 1 - 1 0 0	1 1 3 2 1 4 1 1 0	2 1 1 3 1 1 3 1 1 0	1 1 3 1 1 3 1 1 1 1 1	1 1 3 1 1 3 1 1 0	1 1 3 1 1 2 1 1 0	1 1 3 1 1 2 1 1 0	1 1 3 1 1 2 1 1 0	1 1 3 1 1 2 1 1	1 1 3 1 1 1	1 1 1 1 1 1 1	1 0 1 2 1 1 1 1	1 1 2 1 1 1 1 0	1 1 2 1 1 1 1 0	1 1 2 1 1 3 1 1 0
21 22 23 24 25 26 27 28 29	0 1 0 1 1 2 0 0	0 1 0 0 0 1	0 1 0 1 0 0 0 1	1 1 1 0 0 0 0 0 0 1	0	1 1 0 1 0 1 0 0 1	000000000000000000000000000000000000000	0 1 0 0 1 0 0 0 1	1 0 0 0 1 0 0 1	0 1 1 0 0 0 0 1	0 1 1 0 0 0 1	1 0 0 1 1 1 0 0 0 1	0 0 0 0 0 0 0 1	0 0 0 1 2 1 0 0 0 1	0 0 0 1 2 0 0 1 1	0 0 0 2 0 0 1 1	0 0 2	0 0 0 1 1	1 0 0 1 1 0 0 1 1	0 0 1 1 0 0 1 1	0 0 2 1 1 0 0 0 1 1	0 0 1 1 0 0 0 1 2	0 0 2 1 1 0 0 0 1 2	0 0 2 1 1 0 0 0 1 1	0 0 0 1 1 0 0 0 1

PERCENTAGE OF DATA VALID - 98.6

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE WESTERN FAIR GROUNDS KING/RECTORY, LONDON MONTH - DEC NO 15001 23 10 11 12 13 16 19 20 21 22 24 MEAN HOUR DAY 3 123456789 0 6 10 11 12 13 14 15 16 17 18 19 20 1 1 0 0 003 00 00 ٥ 08 0 .. 0 21 22 23 24 25 26 27 28 29 30 0 7 6 3 31 0 2 2 2 1.8 2 2

PERCENTAGE OF DATA VALID - 86.3

PERCENTAGE OF DATA INVALID - 11.8

PERCENTAGE OF DATA UNAVAILABLE - 1.9

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - SW	NO 15001 WESTERN FA	IR GROUNDS KING/RECTORY, LO	NDON	
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.6	4	8
FEB	27	1.5	3	7
MAR	21	1.1	2	4
APR	30	1.1	2	5
MAY	31	1.4	3	5
JUN	28	1,9	3	6
JUL	31	1.4	3	7
AUG	31	1.5	3	7
SEP	30	1.2	3	6
oct	29	1.1	3	6
NOV	30	0.8	3	5
DEC	25	1.8	5	8
YEAR	344	1.4	5	8

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTA	NT - SUL	PHU	R DI	OXI	DE										UNI	TS	- 0	.01	PARTS/	MILLION
STATIO	N - SW	NO	1500	1		WES	TERN	FAIR	GRO	DUND	s KI	NG/F	RECT	PROP	, LON	IDON				
M	00 HTM0	то	04	05	то	10	11	TO 14	15	то	25	26	то	39	40	&0V	ER		TOTAL	
	JAN	7	00			28		0			0			0			D		728	
	FEB	6	41			10		Q			0			0			0		651	
	MAR	5	54			0		0			0			0			0		554	
	APR	7	708			2		0			0			0			0		710	
	MAY	7	24			2		0			0			0			0		726	
	NUL	E	674			11		0			0			0			0		685	
	JUL	7	718			4		0			0			٥			0		722	
	AUG	5	711			19		C			٥			0			0		730	
	SEP	6	97			8		С			O			0			0		705	
	OCT	6	87			2		C	(٥			٥			0		689	
	NOV	7	703			7		c	į.		0			0			٥		710	
	DEC	5	589			53		C	Ü		٥			0			0		642	
	CAD		0.00			146			ř		n			0			0		8252	

FREQUENCY	DISTRIBUT PERCENT	ION BY P	ERCENTILES				TRATIONS					
	OF DATA				FREQUENC	Y DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
		-	0.0	0.2	0.7	1 2	2 2	2 9	3 0	47	9	1 4

POLLUTANT - SULPHUR DIOXIDE

	STA	ION -		NO 1	18001	1	MACKEN	ZIE R	R 2	TIVER	TON					MON	TH - 4	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	0000000000	0000000000	000000000	000000000	000000000000000000000000000000000000000	000000000	000000000	0000000000	000000000	000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0100000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000
11 12 13 14 15 16 17 18 19	000000100	0000000000	000000000	000000000	000000000	0000000000		000000000000000000000000000000000000000	0000000	••••••••	0000000	0000000000	0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 1 0	0000000000	0000000000	0 0 0 0 1 0 0 0 0	0000010000	0000000000	0000000000	0000000000	0000000000	0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000
21 22 23 24 25 26 27 28 29 30	000000000	00000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	00000000000	0000000000	00000000000	0 0 0 0 0 0 0 0	••••	000000000	0 0 0 0 0 0 0 0	0000000000	00000000000	00000000000	0000000000000	000000000	000000000	00100000000	0000000000	0000000000	0000000000
31	٥	O	0	0	С	o	0	0	Ų		J	,	-		J		*	-		•		-		3	- -

PERCENTAGE OF DATA VALID - 99.2

0 0

MEAN

PERCENTAGE OF DATA INVALID - 0.8

0 0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

C

3. " *** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MACKENZIE RR 2 TIVERTON MONTH - FEB STATION -NO 18001 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 0 1 1 2 3 1 4 5 1 5 6 7 8 9 0 1 1 2 3 1 4 5 1 5 1 7 8 9 0 2 2 2 3 4 2 5 6 7 2 8 9 000000-000 000000-000 000000-000 000000-00 000000-000 -000000000 000: 000:00 010:00000 MEAN

PERCENTAGE OF DATA VALID - 99.0

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. " INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	•	NO 1	8001	J	MACKEN	ZIE F	R 2	TIVERT	ON					MON	TH - 1	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	00000000	000000000	000000000	000000000	000000000	000000000	0000000000	0 0 0 0 0 0 0 0 0	0000000000	000000000	0000000000	0000000000	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 1	000000000	0000000000	000000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	00000000
11 12 13 14 15 16 17 18 19	000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0 0 0 0 0 0 0 0	000000000	000000000	0000000*00	0000000000	****	000000000	100000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000
21 22 23 24 25 26 27 28 29 30	000000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	00000000000	000000000	0000000000	000000100	000000000	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0	0 0 0 0 0 0 0 0	0001000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	0000000000	000000000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ö	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANI	- 5	SULPHU	JR DIO	XIDE							U	NITS	- 0.0	1 PAR	RTS/MI	LLION	N						
	STA	TION -		NO :	8001	ħ	ACKEN	ZIE R	R 2	TIVERT	ON					MONT	гн - д	PR	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6 7 8 9	0000000000	0000000000	000000000	000000000	000000000	000000000	0000000000	0000000000	000000000	0 0 0 0 0 0 0 0	0000000000	020001000	0 1 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0000000000	0000000000	000000000000000000000000000000000000000	0000000000	0000000000	0000000000	1 0 0 0 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	1000000000	0000000000	1 0 0 0 0 0 0 0 1 0	1 0 0 0 0 0 0 0 1 0	1000000000	0 0 0 0 0 0 0	1000000000	1 0 0 0 0 0 0 0 0 0 0	1.00000000	0000000000	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	000000000	0000000000	0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 1 0 0	000000000	0000000700	0000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0000010000	0000000000	0 0 1 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0	0 0 0 0 0 0	000000000	0000000000	0000000000	000000000	2000000000	0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000
MEAN	0	0	0	0	0	0	0	O	0	0	٥	0	0	0	O	0	0	O	0	0	О	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT	_	SIII PHUR	DICKIDE

	ST	ATION		NO 1	8001		MACKEN	ZIE	RR 2	TIVER	TON					MON	тн -	MAY	76						
HOUR DAY	7	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000	000000000	0000000000	000000000	0000000000	000000000	000000000	000000000	0000000000	000000000	****	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0 0 0 0 0 0 0	0000000000	000000000	0000000000	00000000	000000000
11 12 13 14 15 16 17 18 19	0000000000	0000000000	00000000	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0 0	0000000000	0100000000	0 1 1 0 0 0 0 0 0 0	0000000000	202000000	0010000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	00000000
21 22 23 24 25 26 27 28 29	****	000000000	00000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	00000000	000000000000000000000000000000000000000	****	000000000	0000000000	****		****	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000		000000000	000000000	000000000000000000000000000000000000000	000000000	
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-

UNITS - 0.01 PARTS/MILLION

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 3.2

> PERCENTAGE OF DATA UNAVAILABLE -0.0

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- * INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION -NO 18001 MACKENZIE RR 2 TIVERTON MONTH - JUN 24 MEAN HOUR DAY 0000000000 0000000000 10 0 0 0 0 0 0 0 0 0000000000 0000000000 0.0

PERCENTAGE OF DATA VALID - 99.4

MEAN

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE -

- ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

	STATION - NO 180					P	ACKEN:	ZIE R	2 1	TIVERT	ON					MONT	н	JUL	76						
HOUR DAY	;	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	000000000	0000000000	000000000	00000000	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000000000	0 0 0 0 0 0 0 0	000000000	000000100	0000000000	0010000000	000000100	0010000000	0 0 1 0 0 0 0	0000000000	000000000	000000000	0000000000	0000000000	0000000000	0000000000	000000000	0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0000000000	0100000000	0000000000	000000000	0 0 0 0 0 0 0 0 0	000000000	00000000000	0000000000	0 0 1 0 0 0 0 0 0 0 0	*	0 0 0 0 0 0 0 0 1 0	0 0 0 0 1 0 0 0 1 0	0000000000	0000000000	0000000000	000001000	0000000000	0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	000000000
21 22 23 24 25 26 27 28 29	0000000000	0000000000	000000000	000000000	0 0 0 0 0 0 0 0 0	000000000	0000000000	0000000000	000000000	0000000000	000000000	****	0 0 1 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0000000000	0000000000	0000000000	000000000	000000000
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1 0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- S	ULPHL	R DIO	XIDE							U	NITS	- 0.0	1 PAR	RTS/MI	[LLION	١						
	STA	TION -		NO 1	8001	м	ACKEN2	IE R	R 2 1	TIVERT	ON					MONT	гн - д	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	000000000	000000000	000000000	000000000	000000000000000000000000000000000000000	0000000000	0000000000	0000000000	00000000000	000000000	0000000000	000000000	00000000	0000000000	00000000000	0 0 0 0 0 0 0 0 0	0100000000	0000000000	000000000	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000	00000000	0 0 0 0 1 0 0 0 0	0000000	0000000000
11 12 13 14 15 16 17 18 19 20	0000000000	0000000000	000000000	000000000	000000000000000000000000000000000000000	100000000	1 0 0 0 0 1 0 0 0	1000000000	000000000	000000000	0000000000	000010000	000000000	000000010	0000000000	0000000001	000000000	000000000	000000000	0000000000	0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000
21 22 23 24 25 26 27 28 29 30	0 0 1 0 0 0 0 0 0	000000000	000000000	0000000000	000000000	000000000	0000000000	0 0 0 0 0 0 0 0	000000000	0000000000	0000000000	000000000	000000000	0000000000	0 1 0 0 0 0 0 0 0 0	0000000000	000000000	0000000000	000000000	0000000000	0 0 0 0 0 0 0	000000000	000000000	000000000	000000000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0.0
MEAN	O	0	0	0	0	0	O	0	0	٥	0	0	٥	Ų	0	U	0	U	0	0	0	U	U	U	0.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

DOL I	IIT ARIT	- SUI PHUR	DIAVIDE

	STATION - NO 18001			8001	M	ACKEN	ZIE R	R 2	TIVER	TON					MONT	TH - 5	SEP	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	0000000000	0000000000	000000000	0 0 0 0 0 0 0 0 0	0000000000	0000000000	000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0	0000000000
11 12 13 14 15 16 17 18 19	0000000000	0000000000	000000000	000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000	0000000	0000000000	000000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29	000000000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000	000000000	0000000000	0000000000	000000000	0,00000000	00000000	0.00000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000

PERCENTAGE OF DATA VALID - 99 4

MEAN

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE -

0.0

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - OCT STATION -NO 18001 MACKENZIE RR 2 TIVERTON 24 MEAN HOUR 5, DAY 1 2 3 4 5 6 7 8 9 0 1 1 2 3 1 4 5 1 6 7 8 9 0 1 1 2 3 1 4 5 1 6 7 8 9 0 1 1 2 2 3 2 4 5 6 6 7 8 9 0 0 1 2 2 3 2 4 5 6 7 8 9 0 0 1 2 2 3 2 4 5 6 7 8 9 0 0 1 2 2 3 2 4 5 6 7 8 9 0 0 1 2 2 3 4 5 6 7 8 9 0 0 0 1 2 2 2 3 4 5 6 7 8 9 0 0 0 0 1 2 2 2 3 O O O o O 0.0 O

PERCENTAGE OF DATA VALID - 99.5

MEAN

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE -0.0

- 2. *- * INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	STATION - NO 18				Pe	IACKEN	ZIE R	R 2	TIVER	TON					MON'	TH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	000000000	0000000000	000000000	0000000000	000000000	0 0 0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0 0	000000000	0000000000	000000000	0000000000	0000000000	000000000	0000000000	000000000	000000000	0000000000	000000000	0000000000	0000000000	000000000	000000000	0000000000	0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0000000000	000000000	000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0	0000000000	00000000000	000000000	0000000000	000000000	0000000000	000000	0 0 0 0 0 1 0 0 0	000001000	000001000	0000000000	0000000000	0000000000	0000000000	000000000	000000000	0000000000	000000000	0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	000000000	0000000000	0000000000	000000000	000000000	000000000	000000000	000000000	000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000000	0000000000	0000000000	000000000	0000000000	000000000	0 0 0 0 0 0 0 0	000000000	000000000	000000000000000000000000000000000000000	00000000
MEAN	٥	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	C	0	

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN1	- 5	SULPHU	R DIO	XIDE								UNITS	- 0.0	1 PA	RTS/M)	LLION	V						
	STA	TION -		NO 1	8001	N	IACKEN	ZIE R	R 2	TIVERT	ON					MON	TH F C	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0000000000	000000000	000000000	0 0 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	000000000	000000000	0000000000	000000000	0000000000	0000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0 0	000000000
11 12 13 14 15 16 17 18 19	0000000000	000000000	0000000000	0 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000000	0000000000	000000000	0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	0000000000	000000000	000000000	0000000000	000000000000000000000000000000000000000	000000000	0000000000	0000000000	000000000	0000000000	00000	****	000000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- *- " INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

- NOITATE	NO 18001 MACKENZIE	RR 2 TIVERTON		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.0	0	3
FEB	29	0.1	1.	2
MAR	31	0.0	0	Ť
APR	30	0.0	o	7
MAY	29	0.0	0	2
JUN	30	0.0	0	10
JUL	31	0.0	0	2
AUG	31	0.0	0	2
SEP	30	0.0	0	0
OCT	31	0.0	0	0
NOV	30	0.0	0	İ
DEC	31	0.0	0	1
YEAR	364	0.0	1	10

MANTHIV	CRAHR	EDECHICKE	DICTOTOLITION	END	1076

POLLUTANT - SL	JEPHUR DIOXI	DE			UN	ITS - 0.0	PARTS/MILLION
STATION -	NO 18001	MACKEN	ZIE RR 2	TIVERTON			
MONTH O	TO 04 05	TO 10 11	TO 14 1	5 TO 25 26	TO 39 40	&OVER	TOTAL
JAN	738	0	0	0	0	0	738
FEB	689	o	٥	0	0	0	689
MAR	741	٥	0	٥	0	٥	741
APR	717	1	٥	0	0	0	718
MAY	720	o	0	٥	0	0	720
JUN	714	2	0	0	o	٥	716
JUL	741	0	0	0	0	٥	741
AUG	738	0	0	0	0	0	738
SEP	716	o	0	0	0	0	716
OCT	740	٥	0	0	0	0	740
NOV	719	0	0	o	0	0	719
DEC	740	0	0	0	٥	0	740
YEAR	8713	3	0	o	0	0	8716
		*					

FREQUENCY DISTRIBUTION BY PERCENTILES

 PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
99.2	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	10	0.0

UNITS - 0.01 PARTS/MILLION

	STAT	rion -	WC	NO 2	1006	PO	ST O	FFICE	BRAN	TFORD						MONT	H - J	AN	76						
HOUR DAY	Ť	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9					100							- DATA	ANU JANU JANU JANU JANU JANU JANU JANU J	VAILA VAILA VAILA VAILA VAILA VAILA VAILA	BLE - BLE - BLE - BLE - BLE - BLE - BLE -										
11 12 13 14 15 16 17 18 19												- DATA	UNA UNA UNA UNA UNA UNA	VAILA VAILA VAILA VAILA VAILA VAILA VAILA	BLE - BLE - BLE - BLE - BLE - BLE -										ē
21 22 23 24 25 26 27 28 29 30	0 1 2 4 3 0 0 2	0 1 2 4 3 0 0 2 1	- 0 1 2 3 2 0 1 1 2	0 2 2 4 1 0 1	0 2 2 3 1 1 0 2 1	0 1 2 4 1 0 1 2	1 1 2 4 1 0 1 1 1 1	1 1 2 4 1 1 1	0 2 2 6 1 1 1 1 1	0 2 3 6 2 1 2 0	0 2 3 4 1 0 2 0 3	- 0 **** 3 4 1 0 2 0 2	0 2 3 6 1 0 1 1 8	0 1 3 4 2 0 1 1 6	2 0 2 3 3 2 0 2 0 4	1 0 2 2 3 2 0 1 0 2	1 0 3 2 2 2 0 1 0 1	1 0 3 3 3 2 0 2 1 1	1 0 4 3 3 1 0 1	0 5 3 2 1 0 1 1	0 1 4 3 3 1 0 1 1	0 1 3 4 3 1 0 2 0 2	0 0 3 5 2 1 0 3 1 2	0 1 3 6 3 1 1 2 1 2	******* 0 2 3 4 1 0 1 1 2
31 Mean	3	3	3	3	2	3	5	3	2	2	2	2	6	4	5	4	2	2	2	1	1	1	7	1	3
MEAN	2	2	2	2	Ä	2	2	2	2	2	2	2	3	2	2	2	1	2	1	1	1	2	2	2	1.7

PERCENTAGE OF DATA VALID - 33.5 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 66.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- " INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTANT	- SI	JLPHL	R DIC	DXIDE							ţ	JNITS	- 0.0	DI PAR	RTS/M	ILLIO	N						
	ST	ATION -	wc	NO 2	1006		POST	OFFIC	E BRA	NTFO	RD.					MON	тн - н	FEB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 1 2 5 1 1 1 1 4	2 1 2 5 1 2 1 2 1 3	2 1 3 5 1 3 1 2 1 5	2 1 3 4 1 2 1 4	2 1 3 3 1 2 1 2 1 2	2 1 3 4 1 2 1 2 2 2	2 1 2 3 1 2 1 2 2 2 2	3 1 2 3 1 2 1 2 2 2	3 1 2 3 1 1 1 1 2 2	3 1 2 2 1 1 1 1 2 3	4 1 2 1 1 1 1 1 2 ****	4 1 2 1 1 1 1 1 2	4 1 2 1 2 0 1 1 1	5 1 3 1 3 0 1 1 1 1	4 1 2 **** 3 1 1 1 1	3 2 2 0 1 1 2 1 1 1 1	1 2 2 0 3 1 1 1 5 1	0 2 2 0 2 1 1 1 4 1	0 2 2 1 1 1 1 1 3	1 1 2 1 1 1 1 4 1	1 2 3 1 1 2 2 1 3 1	1 2 4 1 1 2 1 1 2 1	1 2 5 1 1 1 1 3 1	1 2 5 1 1 1 1 3	2 1 3 2 1 1 1 1 2 2 2
11 12 13 14 15 16 17 18 19 20	**** 0 2 1 1 0 2 2 2 1 1 1	2 2 1 2 1 2 1 2 2 1	** ** 1 2 1 2 1 2 1 1 1 1	*** * 1 2 1 2 1 2 1 1 1	*** * 1 2 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	**** 1 2 1 2 1 1 2 1 1 1	**** 1 2 1 2 1 1 2 1 1	**** 1 1 2 3 2 1 2 1	**** 1 2 1 3 1 1 1 1	2 1 1 3 1 1 1 1 1 1	**** 2 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1	**** 2 0 1 2 1 1 2 1 1	0 2 0 1 1 1 1 1 1 1 1	0 2 0 1 1 1 1 1 1 1 1 1	0 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 3 0 1 1 1 1 1 1 0	0 2 0 1 1 1 2 1 0	0 2 1 1 1 1 2 1 1	0 2 1 2 1 1 1 1 1 1 1	0 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2 1 2 1 1 1 2	0 2 1 1 1 2 1 1 1 2	0 1 1 2 1 2 2 1 1 2	0 1 1 1 2 2 1 1 2	2 1 1 2 1 1 2 1 1 2
21 22 23 24 25 26 27 28 29	2 1 5 0 1 2 1	2 1 4 0 1 1 1 1	2 1 3 1 1 1 1 1 1 1	2 1 1 1 2 1 1 1	2 1 1 1 2 1 0 1	4 1 1 1 2 1 0	3 1 1 1 3 1 0 1	3 1 1 1 1 4 1 0 2	2 1 0 1 1 2 1 0 2	3 1 0 1 1 2 1 0	2 1 1 1 1 2 **** 0 1	1 1 1 1 2 2 0 0	1 1 1 2 0 0 1	1 1 1 1 2 0 0 1	1 1 1 1 0 0 1	2 1 1 1 1 0 0 1	1 1 1 0 0 1	2 1 0 1 1 2 0 0 1	1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 1 1 1	2 2 0 1 1 1 4 1 1	2 4 1 1 1 4 1 1	60111211	1 6 0 2 1 1 2	2 2 1 1 1 2 1 0
MEAN	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	Ť	1	1	1	1	1	2	2	1	1.4

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	WC	NO	21005	F	POST	FFICE	BRAN	NTFORD	1					MONT	н - м	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6	0 0 1 2 2 0 1	0 0 1 2 2 0 1	1 1 2 2	1 1 2 2 0	0 1 2 1 2 0	1 1 0	1 1 2 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 2 1 0	1 1 2 2 1 0	2 1 2 2 1 0	1 1 2 2	1 1 3 1 0 1 1	1 1 3 2 0 1	1 1 2 0 1 1	1 1 3 0 2 1	1 1 3 0	1 1 2 3 0	1 2 3 0 1 1	3 0 1	0 1 2 3 0 1	1 1 2 3 0 1	0 1 2 2 0 1	1 1 2 2 1
8 9 10	1 2 1	1	1 2 1	1 2	1 1	1 2	1 4	1 1 3	1 1 3	3	1 4	1 1 3	1 4	1 3 3	1 3 3	2 2	2 2	2 2	1 2 2	1 2	1	1	1 1 1 2	1 2 1	1 2 1
12 13 14 15 16 17 18	1 1 1 2 1 1 3	2 1 1 2 1 2 3	3 1 2 1 2 1 1 3	4 1 2 1 1 1 2 2	3 1 1 1 1 1	2 1 1 1 1 1 1 1 1	3 1 1 1 2 1 1 1 1 1	3 1 1 1 1 1 2 1	21111121	1 1 1	1 1 1 1 1 1	0 2 1 1 1 2 0 2 1	2 2 1 1 2 0 1 1	1 1 1 2 0 2 1	1 1 1 2 0 2 1	1 1 1 0 2 1	1 1 0 2 1	1 1 1 0 2 1	1 1 1 1 0 3 1	1 1 1 0 5 1	1 1 1 1 1 5 1	1 1 1 1 0 4 2	1 1 1 1 4 2	1 1 1 1 1 1 4	1 1 1 1 2
21 22 23 24 25 26 27 28 29	1 0 1 4 0 0 1 0 2 1	1012002021	10220020	1 1 3 2 0 0 2 0 2 1	1 1 4 2 0 0 2 0 1 1	1 1 3 2 0 0 1 0 1 1	1 1 2 3 0 1 1 0 1 1	1 1 2 3 0 2 1 0 1 2	1 1 1 3 0 1 1 0 2 2	1 1 1 3 •	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 2 1	1 1 1 0 1 1 0 1 1	1 1 0 0 2 0 0 1 2	1 1 2 1 0 2 0 0 1	1 1 1 1 0 2 0 0 1 2	1 1 1 0 2 0 0 0 2	1 1 0 0 2 0 0 0 2	1 1 1 1 0 0 1 1 0 0 1 2	1 2 0 0 1 0 0 1	1 2 0 0 1 0 0 1 1	1 1 1 0 1 0 0 1 1	1 1 2 1 0 1 0 0 1	1 1 3 0 0 1 0 1 1 1	1 1 2 1 0 1 1 1 1 1 1
31	0	0	0	0	0	٥	i	1	1	1	0	,	1	1	1	,	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	UTANT	- 5	ULPHU	R DIO	KIDE								UNITS	- 0.	01 PA	RTS/M)	LLIO	N						
	STAT	ION -	WC	NO 2	1006	P	ost o	FFICE	BRA	NTFORD						MON	TH - A	PR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 1 0 0 1 1 1 1 1 1 1	1 1 0 1 1 1 1 1 1 1 1	0 1 1 0 1 2 1 1 1	0 1 1 1 1 1 1 1 1	1 1 1 0 2 1 1 1 1	1 1 1 1 1 1 1	1 1 0 1 1 1 1 1 2	1 1 0 1 1 0 1 2	1 1 0 1 0 1 0 1 1	1 1 0 1 0 0 0 0 1 1 1	1 1 0 1 0 0 0	1 1 0 1 0 0 0 0 1	0 1 0 0 0 0 1	0 1 0 0 0 0 0 0 0 0 1	1 1 0 1 0 0 0 0 1	1 1 0 0 0 0 0	1 1 0 0 0 0 0 0 1	1 1 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0	0 1 2 0 0 0 0 0 0	1 1 1 0 1 0 0 0 0 0	1 1 2 1 0 1 1 0 0 0	1 1 1 0 0 0 0 0 0 0	1 1 0 0 0 1 1 0	1 1 0 1 0 0 0 0 0 1
11 12 13 14 15 16 17 18 19	1 1 2 2 2 1 1 1 1 1 1 1	1 1 2 2 2 1 1 1 1 1 1 1	0 1 1 1 2 1 1 1 1 1 1	0 1 2 1 2 1 1 1 1	0 1 4 1 2 0 1 1 1	0 2 3 1 2 0 1 1 1 1	0 0 1 1 2 0 1 1 1 1 1	0 0 1 2 2 0 1 1 1 1 1	0 0 1 1 2 0 1 1 1 1 1	0 1 2 2 1 1 1 1 1 1 1	0 0 1 1 1 1 2 1 1 0	0 0 0 1 1 1 1 1 0	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 1 1 1 1 1	2 0 1 1 1 1 1 1	1 0 1 1 1 1 0	0 1 1 1 1 1 1 1 1 1 0	0 1 1 1 1 1 1 1 0	0 1 1 1 1 1 1 1 1 0	0 1 1 1 1 1 1 1 2	1 1 1 1 1 2 2 1	1 1 2 1 1 1 1 2 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29	N 0 0 0 0 0 0 0 0	1000000000	1 0 0 0 0 0 0 1	0 0 0 0 0 0 1	300000000	000000112	000000113	0000000	0 0 0 0 0 0 1 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000000000000000000000000000000000000	100000000	100000000	1000000000101	000000000000000000000000000000000000000	100000000	0 0 0 0 1 0 0 0 1	0 0 0 1 0 0 0 1	000000000	000000001	000000001	0000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000
MEAN	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	1	1	0	1	0.6

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- WC	NO 2	21006	1	POST C	FFICE	BRA	NTFORE)					MON	TH - 1	YAN	76						
HOUR DAY	1.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 1 0 0 2 0 0 1 0 1	0 1 0 0 2 0 0 1 0 2	0 1 0 0 2 0 0 0 1	1 1 0 0 2 0 0 0 0 2	1 0 0 2 0 0 0 0 2	0 1 0 0 2 0 0 0 0 3	1 1 0 0 2 0 0 0 2	1 1 0 0 2 0 0 0 0 0 2	1 0 0 0 2 0 0 0 1 2	0 1 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 1	0 1 0 0 0 0 0	0 0 0 0 1 0	0 0 0 0 0 0 0 0 1 0	1 0 0 0 0 0 0 0 1	2001011001	3 0 0 0 0 0 0	2000010001	1 0 0 0 0 1 1 0 1 1	1 0 0 0 0 0 0 0 1 0	1 0 0 0 0 0 0	1 0 0 0 0 0	1 0 0 0 0 0 1 1 1	100020011120	1 0 0 0 1
11 12 13 14 15 16 17 18 19	00000	00000	1 1 3 0 1 0 0 0 0	0 0 0 2 0 1 0 0 0	0 1 2 0 1 0 0 0 0	0 0 1 2 0 1 0 0 0 0	0 0 1 3 1 1 0 0 0 0	0 0 2 3 2 1 0 0 2 0	0 0 2 2 1 1 0 0 0 0	0 0 2 2 2 1 0 0 0 0 ****	0 0 1 1 3 1 0 1 0	1 0 1 1 1 1 0 1 0	0 0 2 - 1 1 1 1 0 1	0 1 1 2 1 1 0 0	0 1 1 *** 2 1 0 0 0	1 0 2 1 0 0 0 0	0 0 1 0 0 0 0 0	1 0 0 1 0 0 0 0 0 0	0 1 0 0 0 0 0	1 0 2 0 1 1 0 0 0 0	1 0 3 0 0 0 0 0 0 0 0	1 0 1 0 0 0 0 0	0 0 1 1 1 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0	0 0 1 1 1 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0000000000	0 0 0 0 0 0 1 1	000000013	00000000	000000000	000000000	00000000	1000000	0 1 1 0 1 7 0 0 0 1 2	0 1 0 0 0 0 0 0 0 0 0 0 1 1 1	0 1 0 0 0 0 0 0 1 2	0 1 0 0 0 0 0 1 1 2	0 0 0 0 0 1 1 1	1 0 0 0 0 0 0 0 1 0 1	1 0 0 0 0 0 0 0 1 0 0	0 0 0 0 0 0 1 2 1	0 0 0 0 0 0 1 1	0 0 1 0 0 0 0 0 2 1	0 0 0 0 0 0 1 4 1	0 0 0 0 0 2 3 1	0 0 1 1 0 0 0 2 2 0	0 0 0 0 0 0 2 1 0	0 1 0 0 0 0 0 1 1 0	0 1 0 0 0 0 0 2 1 0	0 0 0 0 0 1 1 1
31 MEAN	0	0	0	0	0	0	1	1	2 '	1	1	1	2 0	0	0	3 1	2 0	0	2 1	1	1 0	2 0	2 0	2	1

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- s	ULPHU	R DIO	XIDE							U	INITS	- 0.0	1 PAR	TS/M	LLIO	Ŋ						
	STA	TION -	WC	NO 2	1006	Р	OST O	FFICE	BRAI	NTFORD						MONT	н	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 0 0 0 1 1 1 0 0 0	1 0 0 1 1 1 0 0	1 1 0 0 1 1 0 0 0 0 0	1 0 0 0 1 1 1 0 0 0	1 0 0 0 1 1 1 0 0 0	1 1 0 1 1 0 0 0	1 0 1 1 1 1 0 0 0	1 0 4 3 1 0 1 0 0 0	1 0 4 2 2 0 1 0 0 0	1 0 1 1 0 0 0 0 0	2 0 1 1 0 0 0 0 0 0 0	1 0 2 1 0 0 0 0 0	0000000000	0000-00000	2000100000	2001100000	1 0 0 1 1 1 0 0 0 0	1 0 0 1 2 0 0 0 0 0	1000000000	1001100000	0000000000	3 2 0 2 1 0 0 0 0 0	4000100000	2000000000	2011100000
11 12 13 14 15 16 17 18 19	0 0 0 0 1 1 0 0 2 0	0 0 0 1 1 0 0 2 0	0 0 0 0 1 1 0 0 1 0	0 0 0 1 1 0 0 1 0	0 0 0 1 1 0 0 0 0	0 0 0 0 1 1 0 0 0 0	0 0 0 0 1 1 0 0 0 0	0 0 0 0 1 1 0 0 0 0	0 0 0 0 2 1 0 0 0 0	0000 *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 2 2 1 0 1 1 0	0 0 0 1 1 1 0 1 1 0	0 0 2 1 1 1 0 1 1 0 0	0 0 0 1 1 1 0 3 1 0	0 0 0 1 1 1 0 2 0 0	0001110200	0 0 0 1 1 1 0 2 0 0	0 0 0 1 1 1 0 3 0 0	0 0 0 1 1 1 0 4 0 1	0 0 0 1 2 1 0 4 0 1	0 0 0 1 2 1 0 3 0 1	0 0 0 1 2 1 0 3 0 1	0 0 0 1 3 1 0 2 0 1	0 0 1 1 1 0 1 0 0
21 22 23 24 25 26 27 28 29	0 1 2 3 0 0 0 0 1 0	0 1 1 2 0 0 0 0 0 0 0	0 1 1 3 0 0 0 0 0 1	0 1 2 2 0 0 0 0 0 0	012200000	013800000	113900000	1 2 3 2 0 *	1 2 3 2 **** 0 0 0 0 0	2 2 3 3 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 2 0 0 1 0 0 1	1 2 2 3 0 0 1 0 0 1	0 0 1 1 0 0 0 2	0 0 1 1 0 0 1	0 0 3 1 0 1 1 1 0	1 1 2 1 0 0 1 1 0	1 1 1 0 2 1 0 0 1	1 1 0 0 1 1 0 0 0	0 1 1 2 0 1 1 0 0 0	0220001000	1 2 3 0 0 0 2 0 1 0	2 2 2 0 0 0 1 0 1 0	2 2 0 0 0 1 0 0 0	1 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 1 0 0 0 1 0 0 0
MEAN	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	0.3

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- wc	NO 2	1006	F	POST O	FFIC	E BRA	NTFORD						MON	гн - ,	JUL	76						
HOUR DAY	1	2	3	4	5,	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0000000000	0000000000	0 0 0 0 0 0 0 0 0 0	000001000	0 0 0 0 0 0 0 0 0	0000000000	000000000	0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000100000	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0	0000100000	0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 1 0	0 0 0 1 0 1 0	0 0 0 0 1 0 1 0	0 0 0 0 0 1 0 1 0	0 0 0 0 0 1 0 1 0	0000000000	0000000000	000000000	000000000	000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	0 0 0 1 1 2 1 1 1 0	00012211	0 0 1 2 2 1 1	0 0 0 1 2 2 1 1 1 1	0 0 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 2 1 1 1 1	0 0 0 1 2 2 1 1 1 1 1	0 0 0 1 2 2 1 1 1 1	0 0 1 2 2 1 1 1	0 1 2 2 1 2 1 1	0 0 1 1 2 2 1 1 1 1 1	0 0 0 1 2 2 1 1 1 1	0 0 0 1 2 1 1 1 0 1	0 0 0 1 2 2 1 1 0 2	0 0 0 1 2 2 1 1 0 1	0 0 0 1 2 2 1 1 0 1	0 0 0 1 2 2 1 1 1 1 1	0 0 0 1 2 1 1 1 1 1 1	0 0 1 2 1 1 1	0 0 0 1 2 1 1 1 1 1 1 1	0 0 1 1 2 1 1 1 1 0	0 0 1 1 2 1 1 1 0 0	0 0 1 2 2 1 1 1 0 0	0 0 1 2 2 1 1 1 0 0	0 0 0 1 2 2 1 1 1
21 22 23 24 25 26 27 28 29	0 1 2 0 0 0 0 0 0 0	0 1 2 0 0 0 0 0 0	0120000000	1 2 0 0 0 0 0 0 0	200000000000000000000000000000000000000	220000000	1 2 2 0 0 0 0 0 1 0	1 2 2 0 0 1 0 0 1 0	0 0 1 0 0	2 3 1 0 0 1 0 0 0	1 0 0 1 0 0	1 0 0 1 0 0	1 0 0 1 0 0	1 2 0 0 0 1 0 1 1 0 0	1 2 0 0 0 1 0 2 1 0	1 2 0 0 0 1 0 3 0 0	1 2 0 0 0 1 0 2 1 0	1 2 0 0 0 1 0 3 1 0	1 2 0 0 0 1 0 3 0	300010300	000000000	1 2 0 0 0 0 0 2 0 0	1 3 0 0 0 0 0 1 0 0	000000000000000000000000000000000000000	1 2 1 0 0 1 0 1
31	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0
MEAN	0	٥	0	0	0	0	0	1	1	-1	1	1	0	1	1	1	1	1	1	1	0	0	0	٥	0.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION																								
	STATION - WC NO 21006 POST OFFICE BRANTFORD											MONTH - AUG 76													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000100000	0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0	0000100000	0000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0	0 0 0 1 1 0 0 0 0 0	0 0 0 2 1 0 0 0 0	0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0	00000000	0 0 0 1 0 0 0 0 0 1	0 0 0 0 0 0 0 1	0001000001	0 0 0 1 0 0 1	0 0 0 1 0 0 1	0 0 0 1 0 0 1	0000000000	0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0 1 0 0 0 1 0	0 0 0 0 0 0 0 0 1 0	0000000000	0000000000	0000000000	0000000000	0 0 0 0 0 1 1 0	0 0 0 0 1 0 0 2 1	1 0 0 0 0 0 0 0 0 2 1	0 0 1 1 1 1	0 0 1 2 0 0 0 1 1 2	1 0 0 1 1 0 0 0 1 0 2	1 1 0 0 0 0 0 0 1 2	1 0 0 0 0 0 0 1 2	3 1 1 0 0 0 0 0 1 2	1 1 1 0 0 0 . 3 2	1 1 0 2 0 0 0 - 3 2	1 1 0 0 0 0 0 0 1 2	1 1 0 0 1 0 0 0 0 0 2	1 0 0 0 0 0 0 1	1 0 0 0 0 0 0 0 1	1 0 0 0 0 0 0 0 1	1 0 0 1 0 0 0 1	1 0 0 1 0 0 0 1	0 0 0 0 0 0 0 1 1
21 22 23 24 25 26 27 28 29	1 0 0 0 0 1 1 1 0 0	1 0 0 0 0 1 1 0 0	0 0 0 0 0 1 0 0	0 0 0 0 1 1 0 0 0	000001000	0000000000	1 1 0 0 1 1 1 0 0 0	1 0 0 2 1 1 0	1 0 0 5 1 1 0 0	1 2 1 0 2 1 1 1 0 1	1 2 1 0 0 1 1 1 0 0	1 2 1 1 0 1 1 0 0 0	1 2 1 1 0 0 1 1 0 0	1 1 2 1 0 1 1 1 0 0	0 0 0 2 1 1 0 0	0 1 1 0 0 4 1 1 0 0	0 1 2 0 0 2 1 0 0 0	0 1 2 0 0 1 1 0 0 0	0 0 2 0 0 1 1 0 0 0	0 0 1 0 0 4 1 0 0 0	0 0 0 1 8 1 0 0 0	0000000000	0000040000	0000021000	0 1 1 0 0 2 1 0 0 0
31	0	0	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	1	1	2	2	1
MEAN	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0.4

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 1.6

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION .	- WC	NO :	21006		POST (T OFFICE BRANTFORD									MONTH - SEP 76								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 N	TEAN
1 2 3 4 5 6 7 8 9	2 1 0 2 0 0 0 0 0 2 0	1 20000000	† 1 † 2 O O O O 1 O	1 0 1 1 0 0 0 0	1 0 1 1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0	1 0 2 1 0 0 0 0 0	1 0 1 1 0 0 1 1 1 0 0	0 0 1 1 0 1 0 1 0	0 1 1 0 1 2 1 1 0	0 0 1 1 1 1 1 1 1	0 0 2 1 0 2 1 0	0 0 1 1 0 2 0 1 1 0	0 0 2 1 0 1	0 0 2 0 0 1 1 1 0	0 0 1 0 0 1 1 0 0	0 1 1 0 0 0 1 1 0 0	000000110	0 0 2 0 0 1 1 0	002000110	002000100	0 0 1 0 0 0 0 1 0 0	0 1 1 0 0 0 1 0 0	1 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 1 1
11 12 13 14 15 16 17 18 19	0 0 0 1 2 0 1 0 0 0	0001201000	0 0 1 1 0 0 1	0 0 1 1 1 0 0	0 0 1 1 1 1 0 0 0 1	0 0 0 1 1 0 0 0 1	0 0 0 1 1 0 0 1	0	0 0 *** 1 1 *** 1 0 0 1	0 0 1 1 1 2 0 0 0	0 0 2 1 1 1 1 1 0 0 0 0	0 0 2 1 1 1 0 0 0	0 0 1 1 1 0 0 0 0 0	0 0 1 1 2 2 0 0 0 0	0 0 1 1 5 1 0 0	0 0 1 1 2 1 0 0 0 0	0022410010	0 0 1 1 4 1 0 1 1 0	0 0 1 1 2 1 0 2 1 0	0 0 1 1 2 1 0 2 1 0	0 0 1 1 2 1 0 1 1 0	0 0 1 2 2 1 1 1 1 0	0 1 1 2 1 1 1 0 0	0 0 1 2 1 1 0 0 1 0	0 0 1 1 2 1 0 0
21 22 23 24 25 26 27 28 29 30	000000000	000000100	0 0 0 0 0 1 0 1 0	0 0 0 1 1 0 0	0 0 0 0 1 0 2 0 0	0 0 0 0 0 1 0 0 0	1 0 0 1 0 1 0 0	1 0 1 0 1 1 0 1 0 1 0 1 0 1	1 0 1 0 1 1 0 0 1 0 1 0	1 0 1 * 0 1 1 1 0	0 0 *** 0 1 1 1 0 0	00001	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 1 1	0 0 0 0 0 0 0 1 1	000000001	100000000000000000000000000000000000000	100000001	0 0 0 0 0 0 0 0 1	0 1 0 0 1 0 0 0 1	0 0 1 0 0 0 0 1	0 0 0 0 1 0 0 0 1	000000001	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0
MEAN	0	0	0	0	0	O	0	1	1	1	1	1	o	1	1	0	1	1	0	1	О	0	0	0	0.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS														RTS/M	ILLIO	N							
	STA	MOIT	- WC	ON C	21006	Ē	POST	OFFICE	BRA	NTFORD						MON	тн - і	OCT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	1 0 0 0 2 1 0 0 0 1	1 0 0 0 1 1 0 0 0 1	1 0 0 0 1 1 0 0 0 1	1 0 0 0 1 1 0 0 0	1000	1 0 0 0 1 1 0 0 0 0	1 2 0 0 1 2 0 0 0	1 2 0 0 2 2 0 0 0 0	120222000	2 1 0 1 2 2 0 1 0 0	2 1 0 2 1 2 0 1 0	2 2 0 2 1 2 0 1 0 0	2102220100	1 1 0 2 1 1 0 0	1 1 1 0 0 0 0	0 0 1 2 1 1 0 0 0 0	0 0 1 2 1 1 0 0	0 0 1 2 1 1 0 0 0	1 0 2 3 1 1 0 0	2 1 3 4 1 0 0 0 0	3 1 3 1 0 0 0	3 1 0 2 0 0 0 0 0 0 0	2 1 0 1 1 0 0 0 1 1	0 1 0 2 1 0 0 0 1 0	1 1 0 1 1 1 0 0
11 12 13 14 15 16 17 18 19	0 1 2 0 0 0 1 0 0	0 1 2 0 1 0 0 1 0 0	0 1 1 0 0 0 0 0 1 0	0 1 1 0 0 0 0 0 1 0	1 1 0 1 0 0 1 2 1	1 1 2 0 0 0 1 1 1 1	1 2 2 0 1 0 0 1 1 1	2 2 1 0 1 0 0 1 1 1 1 1	1 2 1 0 1 1 0 1 1 1	3 1 0 1 1 0 0 1 1 1	1 4 1 0 1 0 0 0 1	1 0 1 0 0 0 1	0 2 0 0 0 0 0 0 0 1	0 2 1 0 0 0 0 1	1 0 0 0 0 0 0 1	330000000	24 0 0 0 0 0 0 0 1	2 3 0 0 0 0 0 0 0 1	1 3 0 0 0 0 0	030000001	030000001	030001000	1200000000	1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 1 0 0 0 0
21 22 23 24 25 26 27 28 29 30	1	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O O O O O O O O O O O O O O O O O O O	0 0 0 1 0 0 1 1 ****	0 0 1 1 0 1 1 0 0 ****	0 0 1 1 0 0 1 0 **** *	0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 1 0 0 0 ****	0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 1 0 1 ****	1 1 1 0 0 0 1 ****	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
31 MEAN	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	0	1	1	0.6

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 3.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	STA	TION -	WC	NO	21006	POS	T OFFICE	BRA	NTFORD						MON	TH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 0 1 0 1 1 1 2 0	1 0 1 0 1 0 1 0	1 1 0 1 0 1 0 0 1 0	0 1 0 1 1 1 1 0	01011011120	1 0 1 1 1 1	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 1 1 5 0	0 1 1 1 2 1 0 8	0 1 0 1 1 0 1 6 0	0 1 0 1 1 1 1 1 4 0	0 1 0 1 0 1 3 1	0 1 0 1 0 1 0 1 3	0 1 0 1 0 0 3 1	0 0 0 0 1 0 0 2 1	0000010010	0 1 0 0 1 1 0	0 1 0 0 0 1 1 1 1 1	0 0 1 0 0 1 0 2 1 1	0 0 1 1 0 3 0 1	1 0 1 0 3 0 1	0010110200	10000	0 1 0 1 0
11 12 13 14 15 16 17 18 19 20	1 1	0 1 1	0 1 1	0 1 1	1 1 1	1 1	0 0 1 1 1 1	0 1 1	1 1	0 0	- I	DATA DATA DATA DATA TA UN	O O O O O O O O O O O O O O O O O O O	D - D - D -		1 1	0 1		1			1 1		1
21 22 23 24 25 26 27 28 29 30	÷			*					-		- DA - DA - DA - DA - DA - DA	TA UN TA UN TA UN TA UN TA UN TA UN	AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA	ABLE ABLE ABLE ABLE ABLE ABLE		o	o	0	1	1	1	1	1	******
MEAN	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	0	0	٥	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 43 2 PERCENTAGE OF DATA INVALID - 16.7 PERCENTAGE OF DATA UNAVAILABLE - 40.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULPH	UR DI	OXIDE							Į.	NITS	• 0.0	D1 PA	RTS/M	ILLIO	N						
	ST	ATION	- 1	C NO	21006		POST	OFFIC	E BRA	NTFOR	٥					MON.	TH -	DEC	76						
HOUR	ij	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 1 1 2 1 1 0 3	1 0 1 3 1 0 0 4	0 1 0 1 1 2 1 0 0 4	1 1 0 1 1 1 0 0 4	0 1 1 1 0 0 0 4	1 1 1 1 2 0 0 2	3 1 1 1 1 2 0	1 1 0 0 1	3 1 2 2 1 1 0 1 1	1 1 2 2 1 2 0 1 1 1	1 1 3 1 2 0 1 1 1	1 1 3 1 2 0 1 1 1	1 0 0 2 0 2 0 1 1 1	2 0 0 2 1 2 0 1 2	2 0 0 2 2 2 0 1 2	201220121	1 2 1 2 0 1 2 1	1 1 2 2 2 0 1 2 1	1 1 1 1 3 0 2 2 1	1 0 2 1 4 0 1 1 1	2002120111	2 1 2 1 2 0 1 1 1	1 0 1 2 1 0 1 1 1	1 1 1 2 1 1 0 2 1	1 1 2 1 2 0 1 1 1 2
11 12 13 14 15 16 17 18 19	1 2 0 2 1 1 2 0 1 1	1 2 0 1 2 1 3 0 1	1 2 2 1 2 2 0 2 1 2 0 2	0 2 1	1 2 0 2 1 0 2 2	1 0 2 1 2 1 0 2	1 2 0 2 1 3 1 0 2 1	1 2 2 2 4 2 0 2 1	1 1 2 2 3 1 0 2 1	1 2 1 2 2 4 1 0 2 1	1 2 1 2 3 1 0 2 1	1 2 0 1 2 **** 1 1 2	1 2 0 1 2 4 1 1 2 1	1 2 0 1 2 4 1 0 2 1	1 2 0 1 2 3 1 0 1 1	1 2 3 0 0 1 1	1 2 1 1 3 0 1 1 1 1	1 2 1 1 3 0 0	1 2 1 1 2 3 0 0 1 1	1 1 2 3 0 0 1 2	1 1 2 2 0 0 1 2	1 1 2 3 0 0 2 2	1 1 2 2 0 0 1 2	1 0 2 1 2 1 0 0	1 2 1 1 2 3 1 0 2
21 22 23 24 25 26 27 28 29 30	1 0 ***** 0 2 1 1 1 2 1 2	2 0 2 1 1 2 1 2	2 0 0 3 0 1 2 1	0 2 0 0 2	1 0 2 0 0 2 0 0 2 1 3	2 0 2 0 0 1 1	1 **** 0 1 0 0 1 0 2	1	2 **** 1 1 1 0 1 1 2	1 2 1 1 0 2 0	1 1 1 0 2 0 2		0 1 1 0 0 1	1 1 0 0 1	0 1 1 0 0 1	0 1 1 0 0 2 0 1	0 1 1 0 0 2 0 1	0	0 2 1 0 0 2 0 1	0 1 1 0 0 2 0 1	0 3 1 0 0 2 1 1	0 4 2 0 0 1 1 2	0 5 2 0 1 2	0 5 1 0 1 2 1 1	1 1 1 0 0 2 1 2
31 MEAN	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	0	1	0	0	0	1	1	0 1.1

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

TATION -	WC NO 21006 POST	OFFICE BRANTFORD		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
NAU	10	1.7	4	8
FE8	28	1.4	3	6
MAR	31	1.1	2	5
APR	30	0.6	j.	4
MAY	31	0.5	1	4
JUN	30	0.6	2	4
JUL	31	0.5	2	3
AUG	30	0.4	2	8
SEP	30	0.5	2	5
OCT	29	0.6	2	4
NOV	12	0.7	2	8
DEC	29	1.1	3	5
YEAR	321	0.7	4	8

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT	-	SULPHUR	DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	WC	NO	2100	6		POST	10	FIC	E B	RAN	TFO	RD								
MONTH	00	ТО	04	05	то	10	11	то	14	15	ТО	25	26	то	39	40	&OVE	₹ .	TOTAL	
JAN		2	238			11			0			٥			٥			5	249	
FEB		6	669			11			0			0			٥		,	0	680	
MAR		7	737			2			0			0			٥		1)	739	
APR		7	714			0			0			0			٥		9	0	714	
MAY		7	737			0			0			0			0		1	0	737	
JUN		- 5	715			0			0			0			٥)	5	715	
JUL		7	739			0			0			0			٥)	0	739	
AUG		7	726			3			0			0			0		1	0	729	
SEP		1	713			1			0			٥			0		9	0	714	
OCT		9	719			0			0			0			0)	0	719	
NOV		:	308			3			0			0			0			0	311	
DEC			709			2			0			0			0			0	711	
YEAR		7:	724			33			0			0			0			0	7757	

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION,	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
88.3	0	0.0	0.0	0.1	0.6	1.5	1.9	2.7	3.4	8	0.7

UNITS - 0.01 PARTS/MILLION

	STA	TION	- W	ON C	2201	j.	DEAMUE	E PC	ORT MA	ITLAN	D					MON	TH .	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 4 4 2 1 1	0020035211	0 0 1 0 3 4 2 1 0	0 0 0 1 0 4 3 2 1 0	00010000000	0 0 0 2 2 2 2 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 5 3 2 2	0 0 0 0 5 2 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4 2 3 1 1	0 1 1 0 1 4 2 3 1 3	0 1 1 0 1 4 2 3 1 2	0 1 3 0 1 4 2 2 1 1	0 0 1 0 4 4 2 2 1 2	0 0 0 2 5 2	000003552	0 1 0 0 2 5 2 0 1	0 1 0 2 4 2 0	002024201	0 2 1 0 4 4 2 0 1	0110442000	0 0 1 0 3 4 2 1	0 0 0 3 4 3 0 4 0	0 0 1 0 2 4 3 2 1 1
11 12 13 14 15 16 17 18 19	00000100	0 0 0 1 0 0 1 0 0	1 0 1 0 0 0 1 0 0	1 0 0 0 1 0 0	1 1 0 0 0 0 0	1 1 0 0 0 1 0 0	1 0 0 0 0 1 0 0	1 0 0 0 0 1 0 0	1 0 0 0 0 1 0	1 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 1 1	0 0 1 0 1 1 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 1 0 0	0 1 0 1 0 0	0 2 1 7 0 1 0	01020200	01010200	1 1 0 1 0 2 0 0 0	0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29												- DA - DA - DA - DA - DA - DA	TA UNITA UNI	INVALI AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA	BLE BLE BLE BLE BLE BLE										
31												- D#	TA UN	AVAILA	BLE	•									
MEAN	1	1	1	t	1	1	1	1	1	1	1	i	1	ĩ	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 57.9 PERCENTAGE OF DATA INVALID - 8.2 PERCENTAGE OF DATA UNAVAILABLE - 33.9

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	ANT -	SULP	HUR D	OXIDE	Ē							UNIT	s - o	.01 PA	RTS/N	ILLIC	N						
	ST	ATION	1	NC NO	2201	1	DEAML	DE PORT	ГМА	ITLAN	1D					MON	ITH -	FEB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3												- D	ATA UN ATA UN	AVAL	LABLE	*									
4	_		-				-		-				1	1	1	1	1	1	0	0	0	0	0	0	*****
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	****	- 1	1	1	1	0	0	0	٥	****	1	1	1	0
7	0	0	0	0	0	****	****	0	0		****	****	2	1			• • • •	3	****	1	1		1	1	*****
8	1	****		0	0	٥	****	****	0	0	٥	****	****	0	٥	0	0	****	0	٥	0	****	****	0	*****
9	0	****	****	****	0	٥	****			0	****	****	****	****	1	2	****	****	****	****	****	****	****	4	*****
10	4	4	5	4	****	3	2	2	2	2	1	2	****			2	2	2	1	2	1	1.	- 1	1	2
11		14	1	0	0	٥	0	0	0	0	٥	0	٥	0	٥	0	0	0	4	1	٥	0	0	0	0
12	ò	ò			0		ő	ő	ŏ	ŏ	ŏ	ŏ		1			1	2	î	ż	1	1	2	3	ĩ
13	1	2	1			Ö			ō	Õ	ō	1	ō	o	0	0	٥	o	ò	ō	Ó	Ó	ō	ō	o
14	ò	ō							o	0	o	Ö	0	1	1	1	2	1	ō	o	ō	o	0	0	0
15	ō	ŏ					0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0
16	0	ō	ō	ō	0	0	0	0	0	0	****	0		0	0		٥		0			0	0	0	0
17	0	0	o	0	0		0	0	0	0	0	0		0			0	0	0	0			0	0	0
18	0	0	٥	0	0	٥	0	0	0	0	****	0	0	0			0		0	0		٥	0	0	
19	0	0		0				0	0	0	0	О	0	0	_	٥	0	0				0	0	0	
20	0	0	0	0	0	٥	0	0	0	• • • •	1	1	1	1	1	1	1	1	0	٥	٥	0	0	0	0
21	0	0	0	0	0			2	1	1	0	0	0	0	0	1	1	0	0				0	0	
22	0	0	0						0	0	0	1	1	1	1	- 1		1	1	0		0	0	0	0
23	1	1	0				0		1	2	1	1	1	1	. 1	1		1	1	3	1	0	1	4	1
24	2	0	2	4				5	4	****	5	6		2	2		2	2	1	1	1	1	3	- 1	3
25 26	1	1	0					1	1	2	5			2	2		2	2	- 1	1	1	1	1	1	. 1
26	1	0	~						0	1	1	2	3	2			1	1	1	1	1	1	0	0	
27	0	0	0			1.00			٥	0	0	1	- 2	1	2	7	8		0	- 5	1	1	0	ŏ	
28	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	- 2		1	1	٥	0	0	·	0	
29	0	0	0	0	0	0	1	2	2	,	3	2	2	1	1	. 3	,	,	1	1	1	1	,	1	1
MEAN	1	0	0		0	0	1	1	1	0	1	1	1	1	1	1	1	1	٥	1	0	0	0	1	0.6

PERCENTAGE OF DATA VALID - 81.2 PERCENTAGE OF DATA INVALID - 6.8

PERCENTAGE OF DATA UNAVAILABLE - 12.1

- .. INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22011 DEAMUDE PORT MAITLAND MONTH - MAR HOUR 9 10 11 12 13 . 19 24 MEAN DAY DATA INVALID 5 6 7 9 10 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 O 5 2 MEAN

PERCENTAGE OF DATA VALID - 86.4

PERCENTAGE OF DATA INVALID - 12.1

PERCENTAGE OF DATA UNAVAILABLE - 1.5

0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- " " INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- St	LPHU	R DIOX	IDE								UNITS	- 0.	01 PA	RTS/N	ILLIO	N						
	STAT	ION -	WC	NO 2	2011	۵	EAMUDE	PORT	МΑ	ITLAND						MON	TH -	APR	76					::0	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	0 0 0 1 1 0 0 0 0 0 0 0	0 0 0 1 1 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 1 0 1 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0 1	0 1 1 0 1 1 1 0 0 1	0 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 6 0 1 2 1 0 1 1	2 1 6 0 1 5 1 0 1	1 1 0 1 3 1 0 1	1 1 2 0 5 1 1 0 2	1 6 0 1 1 1 0 1 2	1 8 1 1 0 0 3	1 5 0 1 1 1 0 5	1 3 0 1 1 2 0 4 1	1 0 1 2 0 1 2 0 2 1	1 0 1 1 1 1 0 2 1	1 0 1 1 1 0 0 0 3 1	***** 0 1 1 1 1 0 1 0	0 0 1 0 0 0 1 0	0 0 1 0 0 0 0 0 0	1 0 2 1 1 1 0 1
11 12 13 14 15 16 17 18 19	O O O O O O O O O O O O O O O O O O O	0 0 0 1 1 1 1 1 1 1 1 1	0 0 0 0 2 1 1 1 1 1 1	0 0 0 0 2 1 1 0 1 1	O O O O 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 1 1 0 0 1 1	0 0 0 0 2 0 1 0 3	0 1 0 2 2 0 2 2 1	0 1 0 2 3 0 3 2 2 1	0 2 0 4 * 0 3 3 2 1	0 2 1 *** 6 2 3 3 2	0 0 **** 6 3 3 3 3 2 2	0 0 **** 4 4 3 4 4 2	0 1 **** 3 4 3 4 4 2	0 1 0 2 4 2 3 3 2 1	0 1 0 2 3 2 2 3 1 1	0002233	1 0 0 2 2 1 2 3 1 1	0 0 1 2 1 1 2 2 1 1	0 0 1 1 1 1 1 2 1 1 1	0 0 1 1 1 1 1 1 1 1 1 1 1	O C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	O O 1 1 1 1 1 1 1	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 2 2 1 2 2 1
21 22 23 24 25 26 27 28 29 30	1000000000	100000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000000	1 0 0 0 0 0 0 0 0 0 0 0 1	1000000000	1000000000	2000000000	2 0 0 0 0 0 1 0 0	1 0 0 0 0 0 0 0 0 0 1	000000000000000000000000000000000000000	0 0 0 0	0 0 0 0 1 0 0 0	2040001001	2 0 5 0 0 1 1	1050001000	0 0 2 0 0 0 1 0 0 0	1 0 1 0 0 0 1 0 0 0	1 0 0 0 0 1 0 0 0	1 0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 1 0 0 0	1 0 1 0 0 0 0 0 0 0 0 0 0
MEAN	0	0	0	0	0	0	0	1	1	1	1	2	1	1	Ť	1	1	1	1	1	1	1	0	0	0.7

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION -	WC	NO	22011		DEAMUDE	PORT	MA:	ITLAND)					MON	TH - 1	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0 0	0000000000	00000000	000000000	000000000	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000034	0 0 0 0 0 0 0 1 3	0000000004	0 0 0 0 0 0 1 6	0 0 0 0 1 1 4	000000100	000000	0 1 0 0 0 0 0 0 2	00002	0001000002	0001200002	0 0 0 1 0 0 1	00000000	0 0 0 0 0 0 0 1	0 0 0 0 1 0 0 0 0 1	00001	000000001	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	1 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	2000000000	200000000000000000000000000000000000000	100000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0 0 0 2 1 0 0 0 0 0	000000000000000000000000000000000000000	000230200	0001212000	1 1 2 2 0 0 0	1 2 1 0 0 0	1 1 2 1 1 2 1 0 0	0 0 2 1 1 1 0 0 0	0 0 1 0 0 0	0 0 1 1 0 1 0 0 0	0 0 1 0 1 0 0 0	0000101000	0000100000	0000100000	0000100000	000010000	0 0 1 1 0 0 0
21 22 23 24 25 26 27 28 29 30	000000000	000000000	000000000	000000000	000000000000000000000000000000000000000	000000000	0 0 0 0 0 1 0 0	0 2 2 0 0 0 2 1 0 0	0 1 2 0 0 1 2 1 0 0	0 1 0 0 1 1 0 0	0 0 0 0 0	1 1 0 0 0	1020021000	000000000	0 0 2 0 0 3 1 0 0 0	0020021000	0 0 1 0 0 0	0 0 1 0 0 0	0 0 0 0 1 1 0 0 0	0000001000	0000001000	00000000000	0000000000	0000000000	0 0 1 0 0 0 0
31 Mean	0	0	0	0	c c	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. " ... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	UTANT	- St	JLPHU	R DIOX	IDE							,	JNITS	- 0.0	1 PAR	TS/MI	LLION	4						
	STAT	TION -	WC	NO 2	2011	DE	AMUDE	PORT	MAI	TLAND						MONT	H - J	UN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	000000000	0 0 0 0 0 0 0 1	000000000	000000000	0000000000	0000000000	010000011	0 0 1 1 0 0 0 1 1 2	0 0 1 0 0 0 1 0 2	0 0 0 0 1 0 2	0 0 0 0 0 0 1 1 2	0 0 0 0 1 0 1 1 2	0 0 1 0 0 1 2	0 0 1 0 0 0 1 2	0 0 1 0 0 0 1 1 2	0 0 0 0 1 1 1 2	0010000111	0010001111	0 0 0 0 1 1 1 1	0 0 1 0 0 0 0 1 1 1	0 0 0 0 0 1 1	000000011	0000000011	000000011	000000011
11 12 13 14 15 16 17 18 19	1000000000	1 0 0 0 0 0 0 0 0 0 0	1000000000	1000000000	1000000000	1 0 0 0 0 0 0 0 0 0	100000000	1000000000	1000000000	1 0 0 0 0 0 0 0 0 0	2000000000	2000000000		000000000000000000000000000000000000000	2000000000	N000000000	~000000000	N000000000	1 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0	100000000	000000000000000000000000000000000000000	0000000000	1 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0000000000	0000100000	000010000	000000000000000000000000000000000000000	00000.00000	0000000000	0 2 0 1 2 0 1 0 0	0 1 3 1 2 1 0 0 0 0	0 1 3 4 1 0 0 0 0 0	0 1 2 6 0 1 0 0 0	0 1 2 6 1 0 0 0 0	0 1 2 7 1 0 1 0 0	0228000001	2 2 8 1 0 0 0	0 1 2 7 0 0 0 0 0 0	600000	0126000000	0 1 2 5 0 0 0 0 0	500000	0014000000	0 0 1 4 0 0 0 0 0	00030000	000900000	000000000	1 1 4 0 0 0 0 0 0
MEAN	0	0	0	0	O	0	0	1	0	O	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION -	WC	NO 2	2011	1	DEAMUDE	PORT	MA:	ITLAND						MONT	гн	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 0 0 0 0 0 3 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 5	0000000000	0000000000	000000000000000000000000000000000000000	000000160	0 0 2 0 0 0 0 1 6 0	0 0 1 0 0 2 0 1 5 0	0 0 1 1 0 1 5 1	0 1 1 0 1 0 1 5 2	0 1 1 1 0 2 1 1 5 2	0 1 0 0 0 1 1 1 5 3	0 1 0 0 0 **** 1 1 1 10 2	0 1 0 0 0 1 1 0 9 2	0 1 0 0 0 1 2 0 8 2	0 1 0 0 1 1 2 0 7 2	0 1 0 0 1 1 0 6 1	0 1 0 0 0 1 0 5 1	0 1 0 0 0 0 0 0 4 1	0 1 0 0 0 0 0 0 0 3 1	0 1 0 0 0 0 0 0 0 0 2 1	0 1 0 0 0 0 1 0	0 1 0 0 0 0 0 1 1 1 1	0 1 0 0 0 1 0 0 5
11 12 13 14 15 16 17 18 19	1 0 0 0 0 0 1 1 2	1 0 0 0 0 0 0 1 1 2 0 0	1 0 0 0 0 1 1 2 0	1 0 0 0 0 0 1 1 2 0	1 0 0 0 0 0 0 1 1 2	1 0 0 0 0 1 1 2 0	1 0 0 0 0 0 1 0 2 0	1 0 0 0 0 0 1 1 2 1	1 0 0 0 0 0 1 1 2 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 **** 0 * 1 1 0 1	1 0 0 0 1 1 1 0 1	1 0 2 5 1 1	1 0 2 4 1 2 0	1 0 - 0 2 4 1 2 0 1	1 0 - 0 2 4 1 2 0 1	100000000000000000000000000000000000000	1 0 - 0 1 2 1 2 0 0	1 0 - 0 1 2 1 2 0	0 0 1 1 1 2 0 0	0 0 - 0 1 1 1 2 0 0	0 0 - 0 0 1 1 2 0 0	0 0 0 1 1 2 0 0	0 0 0 1 1 2 0 1	1 0 ****** 0 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	4 0 0 0 1 0 0 0	60-00000	70000000000	70-0000000	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 0 0 0 0 0 0 0 0	7 0 - 0 0 1 0 0 0 0	700040000	7 0 - 0 0 4 0 0 0 0	7 0 0 0 4 0 0	7 0 0 0 3 0 0	6 0 0 0 3 0 0 0	6 0 **** 0 1 0 0 0 0	60000000	60000000	5 0 1 0 0 0 0 3	4 0 0 0 1 0 0 0 0 2	3000100002	3 0 0 0 1 0 0 0 1	2 0 0 0 1 0 0 0 1	2 0 0 0 1 0 0 0 1	2000100000	1 0 0 1 0 0 0 0	1 **** 0 0 1 0 0 0	5 0 ****** 0 1 1 0 0 0 0
31	0	0	٥	0	0	1	2	4	4	4	3	4	5	4	4	4	3	2	2	2	2	1	1	1	2
MEAN	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0.8

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *-* INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	P	JLLUT,	ANT -	SULP	HUR D	OXID								UNITS	- 0	.01 P	ARTS/	MILLIC	N						
	s	TATIO	N - 1	WC NO	2201	r:	DEAML	JDE PO	ORT MA	AITLA	D					MOI	NTH -	AUG	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 6 1 0 0 0 0 0	1 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000	0 6 0 0 0 0 0 0 0	060000000	060000000	060000000	27001001	3 6 0 0 2 0 0 1 1 1 1	2600033*****	3 6 1 2 **** 0 0	2630200013	0 2 0 0 1 0 3	1 0 0 1 0 3	1 5 2 0 0 0 0 1 1 2	0 0 1 1 1	0	5 4 0 0 0 0 0 1 1 0	630000100	7 3 0 0 0 0 0 1 0 0	7 2 0 0 0 0 1 0 0	7 2 0 0 0 0 0 1 0 0	7200000000	7 1 0 0 0 0 0 0 0 0 0 0 0	3 5 1 0 1 0 0
11 12 13 14 15	0 1 2	1 2	0 1 3	0 1 3	1 3	2 2	2 2	2	2 2	2 4 2	2 3 ****	2 4 ****		1 3 INVAL INVAL		1 2	1 2	1	1 1 ****	1 2	1 2	2	2 1 ****	2 ****	1 2 *****
16 17 18 19 20	**** 0 0 1 3	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 2	0 0 0 2	0 0 0 2	**** 0 0 2 2	**** 0 0 3 3	0 0 4 6	**** 0 1 6	0 2 3 8 7	0 3 5 9 14	0 3 5 8	0 3 4 8 7	0 2 3 7 6	2	0 2 2 6 4	0 2 2 6 4	0 2 1 5 3	0 1 1 5 2	0 1 1 4 2	0 1 1 4 1	0 1 3 1	****** 1 1 4 4
21 22 23 24 25	1 1 0	000	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1 0	2 2 0	3 4 1 -		4 5 0 I NVA L		5 4 0	5 3	3 ****	2 1 ****		1 0			0	2 1 0
26 27 28 29 30	**** 2 5 2 0	2 4 2 0	2 4 1 0	**** 2 4 1	**** 2 4 0	**** 2 4 0	**** 2 4 0	**** 2 4 0	**** 2 5 0	**** 4 5 0	**** 4 6 0	4 4 7 0	0 4 4 6 0	0 5 4 6 0 1	3 5 5 0 2	3 5 5 0 1	2 4 4 0 0	1 4 3 0	4 4 3 0	3 3 3 0	2 4 2 0 0	2 4 2 0 0	**** 2 5 2 0	**** 4 2 0	****** ****** 3 4 0
31 Mean	0	0	0	0	0	0	1	0	0	0	****	3	2	2 2	2	2		2 2	2	2	2	3	3	3	1 1.5

PERCENTAGE OF DATA VALID - 81.3 PERCENTAGE OF DATA INVALID - 18.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	STA	TION .	WC	NO	22011	1	DEAMUDE	PO	RT MA	ITLAN	10					MON.	тн -	SEP	76						
HOUR	t	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 0 0 5 0 0 1 2 2	3 0 0 4 0 0 0 1 1 2	2 0 0 4 0 0 0 1 1 1	2005000111	2 0 0 6 0 0 1 1	2005000111	2006600011	200400011	200000121	3 0 2 0 0 0 1 5	2 0 1 3 0 0 0 2 4 1	2025006250	2033006264	1 0 3 2 0 0 3 3 9	2 0 4 2 0 0 2 3 8 3	1 0 3 1 0 1 1 3 9 3	1 0 3 1 0 1 3 8 3	1021002343	2 0 0 0 2 2 3 3 3	1 0 0 0 1 2 3 3	1 2 0 0 0 1 2 3	1 0 2 0 0 0 1 2 3 3	0 0 3 0 0 0 1 2 2 3	0040001223	2023001242
11 12 13 14 15 16 17 18 19	3 4 0 5 1 0	3340510100	3 4 0 5 1 0 0	3 4 0 5 1 0 0	3340500100	3 4 0 4 0 0 1 0 0	3 4 0 4 0 0	3 4 0 5 0 0 1	3 4 0 6 0 0 1	3 4 5 2 7 0 0 1	3 4 5 8 0 0 1 0	4 5 8 7 9	4 5 8 11 10 •••• 0 2 1	3 6 9 11 7 1 0 1	3 6 10 6 6 1 1	3 6 6 5 1 1 0 0	3516401100	3 5 1 6 3 0 1 1 0 0	3516301100	3506201100	3 5 0 5 2 0 1 1 0 0	3 5 0 5 2 0 1 1 0 0	3505100100	3 5 0 5 1 0 0	3 4 4 4 5 0 0 1 0
21 22 23 24 25 26 27 28 29	0 0 0 0 0 0 6 5	000000655	000000655	000000655	000000655	000000655	0 0 0 0 0 0 6 5	000000655	0000000055	0 0 0 0 0 0 0 0 0 0 6 6	000100-555	0 0 1 0 0 4 5 5	1 0 0 0 0 5 5 5 5	2001006555	2002006555	2002006555	0002006555	0002006555	0002006555	0002006555	0002006555	0002006555	0003006555	000006555	0 0 0 1 0 0 3 5 5
MEAN	2	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT - :	SULPH	IUR DI	OXIDE								UNITS	- 0.	OI PA	RTS/M	ILLIO	N						
	ST	ATION	- w	ON C	22011		DEAMU	DE POI	RT MA	ITLAN	D					MON	тн -	ост	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	5 1 1 1 2 1 0 2	5 1 1 1 2 2 1 0 2 1	5 1 1 1 2 2 1 0 2 1	5 1 1 1 2 2 1 0 2 1	5 1 1 2 2 1 0 2 1	5 1 1 2 2 1 0 1 1	5 1 1 1 3 1 0 1	6 1 1 2 3 1 0 1	5 1 1 3 4 1 0 1	5 1 1 4 5 1 0 1 2	4 1 1 1 4 5 1 0 1 2	1 1 1 4 3 1 0 0 2	1 4 4 1 3 0 2	0 0 1 0 3 4 0 2 0 2	0 0 1 0 3 2 0 2 0 1	0 0 1 1 3 2 0 2 0 1	0011220201	0011120201	1 1 2 0 2 0 1	1 0 1 1 2 0 2 0 1	1011220201	1011120201	1 1 1 2 2 0 2 0 0	1 1 2 1 0 2 0 0	3 1 1 2 3 1 1 1
11 12 13 14 15 16	0 9 10 9	0 9 10 9	0 9 10 10	0 10 10 10	0 9 10 10	0 10 10 10	0 10 10 10	0 1 10 10 10	0 10 10 10	9 9 10	10 9		DATA	O B 10 9 **** INVAL INVAL		0 8 10 9	0 9 10 9	10 9	10 9	10 9	10 9	10 9	0 9 10 9	0 9 10 9	0 5 10 9
18	****	0		0						0	0	٥	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ő	ŏ	ő	ő	ŏ	ŏ	0
19 20	0	ŏ	0	1	1	1	1	1	1	1	ĭ	ĭ	ī	ī	ĭ	ī	ō	ō	ō	ŏ	ŏ	ŏ	ŏ	ō	1
21	0	0	0	0	0	0	0	0	1	1	0	0		1	0	0	0	٥	0	0	0	٥	0	0	0
22 23 24 25	0	0	0	0	0	0	0	0	0	0	****		DATA	I NVAL I NVAL I NVAL	ID -	****	****	****	****	****	••••	****	****	****	*****
26	****	****		****	****		• • • •	****	****	****	0	0	2	2	2	1	1	1	0	0	0	0	0	0	*****
27	0	0	٥	0	0	٥	0	0	0	0	****				40.5		•	-	•	•	-	•	•	•	*****
28								-	_					NAVAIL	ABLE	٠.		•		•	_	•	0	٥	•
29		-	- 1	0		1	2	2	0	8	0 5			7	1	1	5	0	0	0	0	0	0	0	0
30	0	0	0	0	O	.1	2	2	3		5	9	•	•	-	-	-	•	2	~	U		٠		3
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 70 8

PERCENTAGE OF DATA INVALID - 23.3

PERCENTAGE OF DATA UNAVAILABLE - 5.9

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	SI	MOITAT	- 4	C NO	22011		DEAMU	DE POR	ГМА	ITLAN	D					MOI	NTH -	NOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	000000	00000000	00000000	0 0 1 0 4 0	0 0 1 0 0 2 0	0 0 3 0 0 1 0 0	0 0 3 0 0	0 0 2 0 0 1 0 0	1 0 3 0 0 1 0 0	1 2 2 2 0 1	2 7 1 1 0 0	1 4 2 1 3 1 0	1 6 0 0 1 1 0	1 5 0 - 0 1	0 5 0 1 0 1	02010100	0 1 0 1 0 0	02010100	0 4 0 0 0 1 0	0 4 0 0 0 1 0	0 3 0 0 0 1 0	0 2 0 0 0	0 2 0 0 0 1 0	0 1 0 0 1 0	0 2 1 0 0
9 10	0	0	0	0	0	0	0	0	0	1 0	2	8	3	3	2	2	0 0 2 0	2	1 0	0 1 0	0 1 0	0 1 0	0	0	0 1 0
11 12 13 14 15 16 17 18 19	0000000110	000000110	000000000000000000000000000000000000000	0 0 0 1 0 0 0 2 1 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 2 0 0 1 1 0 0	0 0 0 1 0 0 2 0 1 0	0 0 1 0 0 2 1 1	0 0 3 0 1 4 1	0 0 0 3 1 1 3 1	0 0 0 5 1 1 2 0 0	0 0 0 0 1 **** 3 0 0	0 0 0 0 2 4 4 4 ****	0 0 0 2 2 2 4 ****	0001002224	0 0 0 0 3 1 3	0 0 1 0 2 1 3 3 *****	0 0 1 0 0 1 3 ****	0030003400	0030004600	0050002	0 0 6 0 0 0 1 ****	000330000000000000000000000000000000000	0 0 1 1 1 1 2 ******
21 22 23 24 25 26 27 28 29 30	**** 1 0 0 1 **** 0 0 0 0 0 0	***** 1 0 0 1 ***** 0 0 0 0 0 0 0 0	****	****	****	****	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0	0 0 0 2 ****	0 0 0 4	0000	000030000	0 0 0 0 0 0 1	0000400001	000000000000000000000000000000000000000	0 0 0 0 1	****	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 0	0000	0 0 0 0 **** 0 0 0	0 0 0 0 2 ******
MEAN	0	0	0	0	0	0	0	0	0	ĵ	1	1	1	1	1	1	1	1	o	1	1	٥	0	0	0.5

PERCENTAGE OF DATA VALID - 95.1 PERCENTAGE OF DATA INVALID - 4.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	F	POLLUTA	TNA	- SI	JLPH	UR DI	OXIDE								UNITS	s - o.	01 PA	RTS/N	MILLIC	N							
	9	OITATE	ų -	WC	NO	22011		DEAM	JDE PO	ORT MA	LITLAN	an a					MON	TH -	DEC	76							
HOUR DAY	1	. 2	:	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8	1 2 0 2 2 ****	2 1 0 0 0 0 2 1 0 0	((***	0 1 0 0 1 0 * *	0 1 0 0 1 0	0 1 0 1 1 0 ****	0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 1 0 0 ****	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 1 1 ****	0 1 0 1 2 ****	1 1 0 1 2 ****	2 0 1 3 2 2 ****	2 3 1 2 2 2 2 2 4 4 4	2 3 1 3 2	1 2 1 3 2	1 1 0 3 2	2 1 0 1 1	5 1 0 0 1	3 1 0 0 1 ****	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0	0 0 1 1 0 ****	1 0 0 2 0	20001	1 0 1 1 *****	
9	****	1	1	1 **	4	**** 5	****	1 8	1	****	****	****	****	****	2	2	1	3	1 2	1	1	1	2	2	3	1 3	
11 12 13 14 15 16 17 18 19 20	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 0 2 2 1 1 1 0 0 0 0 0 0		1 2 0 2 1 0 0 0 0 0	1 0 3 1 0 0 0 0	1 1 0 3 1 0 0 0 1 0	0003100010	0003100020	0004000050	0004000030	1 1 0 2 1 0 0 0 3	1 1 2 3 0 0 0 2 0	1 0 2 2 0 ****	1 0 4 2 0 - 1 2	1 1 **** 4 2 0 0 1 2 0	1 1 1 5 2 0 0 1 1	1 1 3 1 0 0 1 2 0	1 1 2 1 0 0 1 1 0	0012000010	0014000010	0 0 5 0 0 0 1	1 0 0 2 0 0 0 1	3000000000011	3 0 0 2 0 0 0 1 1	30001000011	0 3 1 0)
21 22 23 24 25 26 27 28 29 30	****	1 1 1 1 4 4 1 1 1 1 1 1 1 1 1		1 2 1 6 1 1 1 1 1 1	1 0 1 0 6 1 1 1	1 0 2 0 3 1 1 1 1 0	1 3 0 3 1 1 1 0	100100000000000000000000000000000000000	1 1 0 0 3 1 1 1 1 0	1 1 0 0 3 1 1 1 1 0	1 0 1 3 1 1 2 1 2	1 0 2 4 2 1 3 2 3	1 4 2 1 4	2 3 2 2 6	1 2 3 2	3	0302311221	0 4 0 2 2 1 1 1 1 1 1 1		0 4 0 2 2 1 1 1 1 1 1 1		0 4 0 3 1 1 1 1 1 1 1 1	0 3 0 3 1 1 1 1	0 3 0 3 1 1 1 1 0	1 2 0 4 1 1 1 1 1 1 0	1 2 3 1 1	
31	(0	9	0	0	0	0	٥	***	****	2	4	5	3	3	1	3	3	1	1	1	1	1	1	1	1	
MEAN	4	1		1	1	1	1	1	1	-1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1.1	,

PERCENTAGE OF DATA VALID - 92.7

PERCENTAGE OF DATA INVALID - 7.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - 1	NC NO 22011 DEAMUDE P	ORT MAITLAND		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	18	0.9	4	7
FEB	22	0.6	3	8
MAR	25	0.9	2	8
APR	30	0.7	2	8
MAY	31	0.3	2	6
JUN	30	0.4	4	8
JUL	29	0.8	5	10
AUG	24	1.5	5	14
SEP	30	1.9	5	11
oct	20	2.1	10	10
NOV	28	0.5	2	7
DEC	29	1,1	3	11

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

316

POLLUTANT - SULPHUR DIOXIDE

YEAR

UNITS - 0.01 PARTS/MILLION

STATION - W	IC NO 220	11 DEA	MUDE PORT	MAITLAND			
MONTH O	0 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 AOVER	TOTAL
JAN	423	8	0	0	0	٥	431
FEB	557	8	0	0	0	٥	565
MAR	637	6	0	0	0	0	643
APR	694	12	o	0	0	٥	706
MAY	733	1	0	0	0	0	734
JUN	703	10	0	0	0	0	713
JUL	677	34	0	. 0	0	0	711
AUG	544	60	1	0	0	0	605
SEP	560	145	2	0	0	0	707
OCT	438	89	0	0	0	0	527
NOV	677	8	0	0	٥	0	685
DEC	674	15	1	0	0	0	690
YEAR	7317	396	4	0	0	0	7717

FREQUENCY	DISTRIBUT	ION BY	PERCENTILES									
	PERCENT					CONCEN	TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	87.9	٥	0.0	0.0	0.0	0.6	2.4	4.1	5.7	8.1	14	0.9

UNITS - 0.01 PARTS/MILLION

	STA	TION	- MC	NO 2	2023	1	WRAY I	MINOR	RD P	MAI.	TLAND					MON	TH	JAN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	0 0 0 2 1 2 3 1 4 4	0 1 0 8 2 2 3 1 2 1	0 1 1 7 1 2 3 1 0	0 1 7 1 3 2 0 4	0 0 1 6 0 3 1 0 5 1	0 0 1 4 0 4 1 0 4 1	0 0 1 0 0 4 1 2 5 0	0 1 2 0 0 4 1 2 3 1	1 1 0 1 4 1 2 1	0 1 1 0 0 3 0 1 5 2	0 1 2 0 4 3 0 2 5 9	0 2 1 0 5 3 0 3 2 5	1 2 3 0 5 2 0 1 8	1 1 2 1 8 3 0 2 3 7	1 5 2 2 3 0 3 7	1 1 2 2 3 4 0 5 6 4	1 1 3 2 5 4 0 2 4 2	0 2 3 2 2 4 0 4 1	1 2 2 3 4 2 1 1 3 1	0 2 5 4 2 2 1 1 2 1	0 2 3 3 2 2 1 1 1 1	0 2 4 1 1 3 1 0 2	0 1 8 0 1 3 1 0 10	0 6 0 1 3 1 4 7	0 1 2 2 3 1 2 4 3
11 12 13 14 15 16 17 18 19	2542322122	7 3 4 4 1 2 2 1 2 1	7 3 4 2 1 2 2 1 2 2	9 3 5 2 1 2 1 1 2 1	4 5 4 2 1 2 1 1 2 1	4 2 3 3 1 1 1 3 1	4 2 2 0 1 1 1 3 1	4 1 3 1 1 1 1 4 1	3 2 3 4 1 2 1 1 3 1	3 4 3 3 3 1 1 5 1	2 1 3 2 3 **** 2 1 3	2 4 3 0 4 1 1 1 2 1	2 3 2 1 1 2 1 2 1	2 3 3 2 2 3 2 2 1	2 1 2 1 5 3 1 4 2 1	1 2 3 1 2 2 1 3 2 1	1 2 3 2 1 1 3 2 1	1 2 4 1 1 2 1 1 2 2	1 2 4 3 1 1 1 3 5	1 3 3 6 1 2 1 1 3 2	1 2 6 1 2 1 1 3	3 2 2 1 1 1 1 3 1	3 2 2 1 1 1 1 1 3 1	4 3 2 1 1 1 2 2 1	3 3 3 2 2 2 1 1 3
21 22 23 24 25 26 27 28 29 30	2 2 1 2 3 1 2 2 2 2 2	3 2 1 2 2 1 3 6 2 2	1 2 1 1 2 1 2 1 2 2	2 1 1 2 1 2 1 1 1 1	1 1 2 2 1 3 3 1 0	1 1 2 2 3 1 2 1 1	1 1 3 2 3 1 1 1 1 1 1	1 1 3 1 4 1 2 2 2 1	1 1 2 1 5 1 2 2 5 1	1 1 2 1 4 1 2 2 2 1	1 2 1 5 1 5 1 1 1 1	**** 1 2 1 5 1 **** 2 1 2 1 2 1 2 1 2	2 1 2 2 5 2 *** 2 3 2	3 2 3 1 • • • • • 3 1	3 0 4 2 3 1 1 1 1 1 1	40323111111	3 0 4 1 3 1 1 1 1 1 1 1	2 0 3 2 3 1 1 1 1 1 1	6 0 3 3 1 1 1	4 0 3 4 4 2 1 2 2 1	1 1 2 5 4 2 1 3 1	1 1 4 5 2 1 3 1	1 1 2 4 3 3 1 2 1 1	1 1 2 3 1 2 4 2 2 1	2 1 2 2 3 1 2 2 2 1
31 MEAN	1	1	1	1	1 2	1	1	1	2	1	3 2	2	1	2	2 3	3 2	3 2	3 2	3 2	3 2	2	2 2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- 5	ULPHU	R DIO	(IDE								UNITS	- 0.	01 PA	RTS/MI	LLIO	N						
	STA	TION -	WC	NO 2	2023	WF	RAY N	MINOR	RD PT	MAI	TLAND)				MON	тн - г	EB	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 1 4 0 0 1 0 0 3	1 0 3 3 0 0 0 0	1 0 2 4 0 0 1 0 0 4	1 0 1 3 0 0 1 0 0 3	N000000N	2 0 2 0 1 0 0 0 2	2 1 2 2 0 2 2 0 0 2	3 2 2 2 0 2 1 0	3 1 3 2 0 1 0 0 0	3 1 4 3 1 1 3 0 0 0	3 0 5 **** 1 2 1 1 0 0	2 **** 6 - 1 **** 0 3 0	2 **** 3 4 1 2 2 1 0 0	3 4 1 0 2	1 1 4 1 1 0 0 2 0 0	2 4 4 1 2 0 2 2 1	2 9 4 3 2 0 2 1 2 1	2 12 4 3 1 0 2 0	1 8 3 2 0 0 0 1	0 8 3 1 0 1 0 0	0 11 3 0 0 1 0	0 10 3 0 0 0 0 0 0	0 7 2 0 0 1 0 0 3 0	0 1 3 0 1 1 0 5	1 4 3 2 1 1 1 1
11 12 13 14 15 16 17 18 19	000000000	0 1 0 0 0 0 0 0 2	2 0 0 0 0 0 0 1 0 4	2000000102	200000100	0 0 0 0 0 0 1	0000000000	0 0 0 0 0 1 0 0 1	0 0 0 1 1 0 2 0 0 0	0000000005	010000000	1 1 0 1 1 ***** 0 0 1 2	000000000	0 1 0 0 0 0 1 0	*** 00000000	0 0 0 0 0 0 0 0 1	1000000000	2200000001	120000000	020001	0 1 0 0 0 0 0 0 1	1 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 1	0 1 0 1 0 1	0 1 0 0 0 0 0 0 0 1
21 22 23 24 25 26 27 28 29	0 1 0 2 1 1 1 1	0 0 0 2 1 1 2	0 0 0 0 2 1 1 2 2	0 0 0 1 2 1 1 1 1	0 0 0 1 2 1 1 3 1	0 0 0 1 1 1 1 4 2	0 0 1 1 1 1 3 2	2 0 0 1 1 1 1 3 3 3	2 0 0 * 1 1 1 3 2	1 0 1 1 2 1 1 2	1 0 1 2 2 2 1 1 2	0 0 0 2 2 2 1 1 2	0 0 1 2 2 2 2 2 1 2	0 0 1 1 2 2 2 2 2 2 2	0 0 1 1 2 2 4 2 1	0 0 0 1 2 2 13 1 1	1 0 1 2 2 1 3 1 1	1 0 0 2 2 1 2 1 1	0 0 0 2 2 1 2 1 2	0 0 1 1 2 1 3 1 1	0 0 2 1 1 1 2 1 1	0 0 2 1 1 1 2 1	1 1 1 1 1 2 1	0 1 0 2 1 1 1 1 1 1	0 0 1 1 2 1 2 2 2 2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	STA	TION	- WC	NO :	22023	h	RAY M	INOR	RD P	T MAI	TLAND)				MON	TH - 1	MAR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	.19	20	21	22	23	24 MEA	N
1 2 3 4 5 6 7 8 9	1 1 1 2 1 1 1 1	1 1 0 1 1 1 1 1 1 1	1 1 0 2 1 1 1	1 1 1 2 2 1 1 2 1	1 2 1 1 2 3 2 1 1	1 2 1 1 2 2 1 3 1	1 1 1 2 1 1 4 1	1 1 1 2 2 1 2 1 1	1 1 1 1 1 2 1 1	1 1 8 2 1 2 1	1 1 **** 1 2 1 2 1 1 2	1 1 ***** 2 ***** 1 1 1 2	1 1 1 2 1 2 2 1 1 2 2	1 1 2 2 1 2 2	2 1 ***** 1 1 1 2 1 2 2	1 1 2 2 1 2	2 1 1 2 1 1 1 1	2 1 0 1 1 3 1 1 1	1 2 0 1 1 1 2 1 1 1	1 2 1 1 2 1 1 1 1	1 1 1 1 1 1 2	1 1 1 2 1 2 1 2	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 1 1 1 1 1 1 2	1 1 1 1 2 1 1 1 1
11 12 13 14 15 16 17 18 19	1 1 3 2 1 1 1 1 3	2 2 3 2 1 1 1 2 1	1 2 3 2 1 1 1 1 2 1	1 2 3 2 - 1 4 1 2 1	1 2 3 3 3 - 1 2 1 1 1 1	1 2 3 5 . 2 1 1 1 1	1 2 2 2 2 - 2 1 1 1 1	3 2 2 2 1 1 2 1 1	1 3 1 3 - 1 1 2 1 1	1 2	1 2 1 2 - 1 1 2 2 - 1 1 2 2 - 1 1 2	2 1 2 - 1 1 1 1	2 1 2 - 1 1 1 1 2 2	3 1 1 - 1 1 1 2	4 1 1 - 1 1 1 1 2	1 2 1 1 2 1 1 1	1 2 1 1 1 1 1 1 1 1	2 2 1 1 1 3 1 1 1	2 2 1 1 1 1 2 2 1	2 2 0 1 1 2 2 1 1	1 3 0 1 1 1 1 3 1	1 3 0 1 1 1 1 4 1 1	1 4 0 1 1 1 1 3 1 1	1 3 1 1 **** 1 3 1 2	1 2 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 1 0 2 1 1 1 1 1	1 1 1 1 1 0 2 3 2 1	1 1 2 1 1 0 2 2 6 1	1 1 2 1 1 1 2 5 6 1	1 1 1 0 2 2 2 3 1 1	1 2 1 2 0 2 2 4 2 1	1 1 3 0 1 2 5 2 1	1 1 2 2 0 2 2 3 1 1	1 1 2 2 0 2 1 3 1 1	1 2 2 0 1 1 2 1 1	102220111111111111111111111111111111111	1 0 2 2 2 ***** 2 2 2 1	1	1 3 2 1 1 1 2 1 1 1 2 1	1 1 2 1 1	100111122111222	20111112211122	2 0 1 1 1 2 1 1 1 2 2 1	2 0 1 1 1 2 1 1 1 1 1 1 1	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 2 1 1 1 1 1 1 1	1 1 4 1 0 2 2 1 1 1 1 1 1	1 1 2 1 0 2 1 1 1 1	1 1 2 1 2 1 2 2 1

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN1	r - s	ULPHI	UR DI	OXIDE								UNITS	- 0.	DI PAR	RTS/M	ILLIO	N						
	STA	TION -	- WC	NO :	22023		WRAY I	MINOR	RD P	I MAI	TLAND					MONT	гн - ,	APR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 1 1 1 1 1 1 0	1 1 2 1 1 2 1 1 0	1 1 1 1 1 1 0	0 1 2 1 1 1 0 1 0	1 1 2 1 2 1 1 1	1 1 1 1 0 0	1 0 1 1 1 0 0	1 1 2 1 1 1 0 0	1 4 2 1 1 1 1 0	1 1 2 1 2 1 0 0	1 1 2 1 1 0 0 1	1 1 2 1 1 0 0 0 1	1 1 1 1 0 1 0 1	1 2 1 1 0 1 0	1 1 2 1 1 0 1 0	1 1 2 1 1 1 0 1 1	1 1 2 1 1 1 1 0 1	1 1 1 1 0 1	1 1 2 1 1 1 1 0 2	1 1 2 1 1 0 1 0 1	1 1 1 1 1 0 1	1 2 2 1 1 1 1 0	1 1 2 1 1 1 0 0	1 1 2 1 0 0	1 1 2 1 1 1 0
10 11 12 13 14 15 16 17 18 19 20	0 3 4 1 2 2 2 2 2	1 6 1 2 2 2 2 1 1	1 3 1 2 2 1 2 1 1	1 1 2 1 1 1 1 1 1	1 1 1 2 2 2 1 1 1 1 1 1 1	1 1 1 2 1	1 1 1 1 3 2 1 1 1 1 2	2 0 1 **** 3 2 1 2 1 2	2 1 2 1 2 1 2 1	2 1 2 2 2 1 2 2 2 1	1 1 2 **** 2 2 1 2 2 2 2	1 1 1 3 3 2 2 2 1 1	1 1 3 2 3 3 3 2 1	1 1 4 2 3 4 4 2 2	1 1 3 3 2 3 4 2 1	1 1 3 3 2 2 3 2 1	1 1 3 2 2 3 3 2 1	1 1 5 2 2 2 3 2	1 1 3 2 2 3 3 2 1	1 2 2 2 3 3 2 1	1 2 2 2 2 3 2 1	1 2 2 2 2 2 3 1 1	1 2 3 2 2 2 2 1 1	1 2 2 2 2 2 1 1	1 1 1 2 2 2 2 2 2 1
21 22 23 24 25 26 27 28 29 30	1 1 2 1 1 1 3 2 2	1 1 2 1 1 1 3 2 2	2 1 2 1 1 1 1 2 2 2	1 1 6 1 1 1 2 2 2 2	1 1 2 1 1 2 2 2 2	1 1 6 1 1 2 2 3 1	1 1 4 1 1 4 1 2	1 1 2 1 1 7 2 2	1 1 1 1 2 3 2	1 1 2 1 1 1 1 2 3 3	2 1 2 1 1 1 1 2 3	2 1 1 1 1 1 2 2 3	2 1 0 1 1 1 1 1 2 2 2 1 1	1 1 1 1 1 2 2 1	1 1 2 1 1 2 2 2 0	1 1 1 1 1 2 2 2 0	2 1 1 1 1 2 3 2 0	1 1 1 1 2 2 2 0	1 1 1 1 1 2 3 2 0	1 1 1 1 2 3 2 0	1 1 2 1 1 2 3 2 0	2 1 1 1 1 1 3 2 2 0	2 1 1 1 1 8 2 2	1 1 2 1 1 1 5 2 2 0	1 1 2 1 1 2 3 2 1
MEAN	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1.4

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	- W(C NO	22023	3	WRAY	MINOR	RD P	T MAI	TLAND	1				MON	ITH -	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 0 4 2 3 1 3 4 3	2 1 0 2 2 3 1 3 3 3	2 1 0 6 2 4 1 4 3 3	2 1 0 1 2 5 1 4 3 2	2 1 1 2 4 1 3 3	2 1 1 4 2 2 1 2 3 3	1 0 1 3 2 2 1 3 3 3	1 0 1 3 2 2 0 5 3 3	1 1 1 3 2 2 2 0 2 3 3	1 1 2 4 3 3 0 2 3 4	1 1 2 2 2 2 **** 2 3 4	0 1 0 2 2 2 2 2 2 3 4	0 2 **** 2 2 2 2 3 3 ****	0 2 2 2 2 1 2 3 3 1	0 2 2 2 1 2 3 3 1	0 1 2 3 1 2 3 1	0 1 3 2 3 1 2 3 1	0 1 4 2 3 1 2 3 3 1	0 1 2 2 2 1 2 3 3	0 2 2 2 3 0 2 3 3 0	0 1 2 2 3 1 2 2 3 1	0133302331	1 0 6 2 2 0 2 3 3 1	1 0 3 2 3 1 2 3 3 1	1 1 2 3 2 2 1 3 3 3 2
11 12 13 14 15 16 17 18 19	1 0 0 0 0 1 0 1 1 1	1 0 0 0 0 0 1 1	0 0 0 0 0 1 1 1	0 0 0 0 0 1 1 1 1	0 0 0 0 0 0 1 1 1	0 0 0 0 0 1 1 1	0 0 0 0 0 1 1 1	0 0 0 0 0 1 1 1	0 0 0 0 0 0 0	0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 2 1 1	0 0 0 1 0 0 2 1 1 1 1	0 0 0 0 0 2 1 1	0 0 0 0 0 2 1 1 1	0 0 0 0 0 0 2 1 1 1	0 0 0 0 0 2 1 1	0000002111	0 0 0 0 0 2 1 1	0 0 0 0 0 2 1 1 1	0 0 0 0 1 1 1 1	0 0 0 0 1 1 1 1	0 0 0 1 0 1 1 1 1 1	0 0 0 0 1 0 1 1 1 1 1	0 0 0 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 2 0 0 1 0 1 ****	0 0 1 0 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1	**** 0 2 0 0 1 0 1 ****	0 0 2 0 0 1 **** **** 1	0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 2 0 0 4 1 0 0 ***** 1	0 0 2 0 0 3 1 0 0 ****	1 0 0 2 1 0 0 1 1	1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 1 2 2 ****	1 0 1 0 0 1 1 ****	1 0 0 0 0 1 1 1 1 1 1 1	0 0 0 0 1 1 1 0 0	0 0 0 0 0 1 1 1 0 0	0 0 0 0 0 1 0 1 0	0 0 0 0 0 1 0 1 0	0 0 1 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1
31 Mean	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	2 1	2	1	2	2 1	3 1	0.9

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

			-																						
	STA	STATION - WC NO 22			2023	W	RAY M	IINOR	RD P	IAM T	TLAND					MON	тн - ,	אטע	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	200000000	2000000001111	1 0 0 0 0 0 0 1 1 1	1 0 0 0 0 0 1 1 1	0 0 0 0 0 1 1 1	000000111	0 0 0 0 0 0 1 1	0 0 1 0 0 0 0 1 1	0 0 0 0 0 1 1 1	00000112	0 0 1 1 1 1 2	0 0 1 0 0 1 1 1 1 2	0 0 0 0 1 1 1 2	0 0 1 1 1 3	0 0 1 1 1 0 1 1 2	0 0 1 1 1 0 1 1 1 2	0 0 1 1 0 0 1 2 1 2	0 0 1 1 0 1 1 2 1 1	0 0 1 1 0 0 1 1 1	0 0 1 1 0 0 1 1 1 1	0 0 1 0 0 1 1 1 1	0 0 0 0 0 1 1 1 2	0 0 0 0 0 0 1 1 2	0 0 0 0 0 1 1 1 1	0 0 1 0 0 0 1 1 1 1 1
11 12 13 14 15 16 17 18 19	100000000	1 0 0 0 0 0 0 0 0 0 0 0	1000000000	0000000	0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0	0000000000	1 0 0 0 0 0 0 0	1000000000	100000000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0 0 0 1 ****	1 0 1 0 0 0 0 1 *****	1 0 1 **** 0 0 1 1 0	1 0 1 0 1 1 0 0	1 0 2 0 1 0 1 1 0 0	1 1 2 0 1 0 1 2 0 0	1 1 2 0 1 0 1 2 0 0	1 2 0 0 0 1 2 0 0	1 1 2 0 0 0 1 1 0 0	1 0 0 0 0 1 0 0	1 0 0 0 0 1 0 0	1 1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0	1 0 1 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	1 2 2 2 0 0 0 0 0	2 2 2 0 0 0 0 0	0 1 2 2 1 0 0 0 0 0	0 1 2 2 1 0 0 0	0 1 2 2 1 0 0 0 0 0	0 1 2 2 1 0 0 0 0 0	0 1 2 2 2 2 2 0 0 0 0 0 0	0 1 2 2 2 ****	0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 1 2 2 2 **** 0 0 0 ****	0 2 2 2 2 2 0 0 0 0 0	0 2 2 2 **** 0 0 0	****	1 2 3 2 1 0 0 0 0 0	1 2 3 3 1 0 0 0 0	1232100000	1 2 3 2 1 0 0 0 0	1 3 3 **** 1 0 0 0	1 3 3 **** 1 0 0 0 0 0	1 2 3 2 1 0 0 0 0 0	1 2 3 2 1 0 0 0 0 0	1 2 3 2 0 0 0 0 0 0	2 2 0 0 0 0 0 0 0	1 2 2 2 0 0 0 0 0 0 0 0	0 2 2 2 1 0 0 0 0 0
MEAN	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0.5

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	WC	NO	22023	3	WRAY N	INOR	RD P1	MAI	TLAND	i				MON	4TH -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0000000000	0000000000	000000000	000000000	000000000	000000000	0000000000	0000000000	000000000	000000000		000000000	0000000	000000000	000000000	000000000	0000000000	000000000	00000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	000000000	00000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000000	000000000		****	0000000000	0000000	000000	000000000000000000000000000000000000000	00000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000000
21 22 23 24 25 26 27 28 29	000000000	000000000	0000000000	000000000	000000000	000000000	00000000	0000000000	000000000	000000000	0000000	000000000000000000000000000000000000000	0000	****	000000000	0000000000	000000000	0000000000	000000000000000000000000000000000000000	000000000	000000000	000000000	000000000	0000000000	0000000000
31 Mean	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0		0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - * * INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	ANT -	SULPH	UR DI	OXIDE	i							UNITS	- 0.	01 PA	RTS/N	ILLIO	N						
	ST	ATION	4 - i	NC NO	22023	3	WRAY	MINOR	RD P	T MAI	TLAND)				MON	TH -	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	00000000	00000000		0000000	000000000	0000000	00000000	00000000	0000000	00000000	00000000	0000000000	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 1 0 0 0	0000000	000000	000000	000000000000000000000000000000000000000	0000000	0000000		000000	00000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12	****	****	••••	****	****	****	****	****	****	****	****	****	****	* * * * 2	1	1	2	2	1	1	1	1	1	1	******
13	****	1			4	1	i	•	- 1		4	i	ī	ī	2	2	1	- 1	i	ò	ò	ò	ò	ò	i
14	0	ò	0	0	ć	ò	ò	á	ó		ò	ò	ò	ó	ò	ó	- 1	i	ó	1	ŏ	ō	Ö	ŏ	
15	ŏ	ŏ	ŏ		č	ŏ	ŏ	0	0	0	ŏ	ŏ	ő	ŏ	ŏ	ŏ	ò	ò	ŏ	ò	ŏ	ŏ	1	1	0
16	ī	1	1	1	1	ī	1	1	1	1	****		****										****		*****
17 18 19 20	,	-										-	DATA DATA	I NVAL I NVAL I NVAL	ID -										
21 22 23 24 25												:	DATA DATA DATA	INVAL INVAL INVAL INVAL INVAL	ID - ID -										
25 26	****	****					****	0	0	0	4	4	6	4	4	4	1	2	2	2	1	1	1	2	2
27	1	1	1	1	C)	0 0	0	0	0	0	0	0	0	0	0	0 1 0	0 1 0	2 0 1	0	2000	0 2 0	0 1 0	0	0	2 0 1 0
28	0	٥			O	٥	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1			1
29	0	0	0	0	Ç	o	٥	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
30	1	0	٥	0	C	0	0	0	0	0	0		1	1	1	1	2	- 3	1	1	1	1	1	1	1
31	0	0	0	0	O	0	0	0	0	1	2	****	1	4	1	1	2	2	2	2	2	3	3	3	. 1
MEAN	0	0	0	0	CI	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	0	1	0.4

PERCENTAGE OF DATA VALID - 60.2 PERCENTAGE OF DATA INVALID - 39.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	s	TATIO	١ - ١	NC NO	22023	1	RAY N	INOR	RD P	T MAIT	LAND	S .				MON:	тн - :	SEP	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 0 1 6 3 **** 1 0 2	2 0 1 6 2 **** 1 0 2	20062	2 0 0 5 3 ***** 1 0 2 4	2004320021	2003530021	2005320021	3 0 0 3 5 1 0 0 2	30.3300088	4 0 4 5 3 0 0 0 2 2	2045401023	1 1 4 5 3 1 1 0 2	1 0 4 7 3 1 1 2 3 3	1 0 4 6 3 1 1 2 3 2	1 1 4 6 2 1 1 2 2 2	1 1 4 6 2 1 0 2 2 2	1 1 3 6 3 2 0 2 2 2	1 1 3 5 2 2 1 2 2 2	1 0 3 6 3 1 1 2 3 1	0 3 5 2 1 1 2 3	0 0 3 5 2 1 1 2 4 2	0 0 3 4 0 2 0 2 3 2	0 1 3 3 0 1 0 2 2	0 1 5 3 1 1 0 2 2 1	1 0 2 5 3 1 1 1 2 2
11 12 13 14 15 16 17 18 19 20	3 0 1 2 3 1 0 0 1 1	1 0 1 2 3 2 1 0 0	30122220001	0 1 2	2 0 1 2 2 0 0 0 2	1 0 1 2 2 2 0 0 0 1	201230000	2 1 1 2 2 2 0 0 0 1	3 0 1 2 2 1 0 0 0	1 0 1 **** 3 1 0 1 1	2 1 **** 3 1 0 4 1	2 2 2 **** 4 - 0 1 1	1 2 2 3 4 1 0 1 1	2 2 4 4 2 0 1 1 1	1 3 2 4 4 2 0 2	0 3 2 3 4 1 0 1	0 2 2 3 3 1 0 1	0 1 2 3 3 1 0 1 1	0 1 2 3 2 1 0 1 2	0 1 2 3 3 1 0 2 2 0	0 1 2 3 2 1 0 2 1 0	0 1 2 3 2 1 0 1 1	0 1 2 2 1 1 0 1	0 1 2 3 1 0 0 1 1	1 1 2 3 3 3 1 0 1 1
21 22 23 24 25 26 27 28 29 30	0 0 0 0 1 2 1 2 2 1	0 0 1 2 1 2	0 0 1	0	0 0 0 0 1 2 1 2 2 1	0 0 0 1 2 1 1 2 1	0 0 0 1 2 1 2 2 1	0 0 0 0 2 2 1 1 1 2	0 0 0 **** 1 2 1 2 2	1 0 0 3 2 3 1 2 2 2	1 0 0 **** 2 1 1 2 2 2 2	0 0 2 2 1 1 1 2 3	1 0 0 1 2 1 1 1 1 4	1 0 0 1 3 1 1 1 2 4	0 0 0 2 3 1 1 1 2	0 0 1 3 1 1 1 2	0 0 2 2 3 1 2 1 2 4	0 0 0 1 2 1 2 2 2 4	0 0 1 1 2 1 2 2 2 2	0 0 0 1 2 1 1 2 2 ****	0 0 0 1 2 1 2 2 2 2 2 ****	1 0 0 1 2 1 2 2 2	0 0 0 1 2 1 2 2 2 2	0 0 0 1 2 1 2 2 2 2 ****	0 0 0 1 1 2 1 1 2 2 2
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION WRAY MINOR RD PT MAITLAND MONTH - OCT STATION - WC NO 22023 10 11 12 13 14 15 18 17 18 19 20 24 MEAN HOUR DAY DATA INVALID -DATA INVALID -DATA INVALID DATA INVALID 9 10 ō 12 13 14 15 16 17 18 19 22 23 24 25 26 28 29 0 2 1.3 1. MEAN

PERCENTAGE OF DATA VALID - 84.3

PERCENTAGE OF DATA INVALID + 15.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3, "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- WC	NO :	22023		RAY N	INOR	RD P1	MAIT	LAND					MONT	TH - 1	VOV	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 ME	AN
1 2	0	0	0	0	0	0	0	1	1	1	1	1 2	1 2	0	0	0	0	1	1	0	1	1	1	1 3	1
3 4 5	0	0	1 0	1	1 0 0	0	00	0	1 0 1	1 0 1	6 0 2	1 1 2	0 7	0 - 2 0	0 1 0	1 2	1 4	1 1 3	1	1 1 1	1	1 2 0	1 2 1	1	1
6 7 8	0 20	2 0	1 0	0	3 1 0	0	0 0 0	1 2 0	0 1 0	0 3 1	0 1 0	0	0 1 0	0	1	0 1 2	0	000	0	0	0	0	2 0 3	0	1 1
9 10	1	1	1	2	1	1	3	3	0	1	1 3	1	2	1	2 1	1	1	1	1 2	1	0	1	0	0	1
11 12 13	0	0	0	1 0 0	0	0	1 0 1	3 0 0	2 2 0	0 2 0	1 1 1	1 0 1		1	1 1	1 3 1	1 3 1	1 2	0 1 0	1	0	0 0 3	0	0 1 3	1
14 15 16	4 0 0	3 0 0	1 0	1 0	3 1 1	3	0	0	0	3 2 5	5 0 0	0	0	0 1 3	2	0	0 2	0 4	0	0	1	1	1 1 0	0 1 0	1
14 15 16 17 18 19	1 0 1	1	1 4	0 2	0 3 0	2	0	3	1	1 4	2 2 5	1 3	3 3	4	3	3 3 6	2 2 5	1 4	0 2 1 4	1 2	1 2 5	1	1	1	2 2 2
	ö o	o o	2	i 0	o o	1	ō	o o	o o	o o	o o	0	0	ò 2	3 0 2	ŏ	ō	0	0	6 0 4	ŏ	ŏ 1	ò	o o	ō
22 23 24	1 0	0 2	1 0	1 0 7	0	1 0 3	1 0	0 0 5	0	0	0	0 0 7	0	0	0	0 2	0	0	0 2	3	0 2 2	1 4 3	3	3	0 1 3
21 22 23 24 25 26 27	5 1 1	1	0 1 0	1 0 1	0	600	0 0	0000	0	0 0 0	0	0	00	0	0	0 0	3 0 0	000	0 2	1 0 1	2 0 1	1 0 3	0 2	1 0	0
28 29 30	0	0 0 4	6	1 1 2	0 7	0 1 4	1 2	2 4 1	3 6 1	0 5 5	1 2 5	2 2	2	1 3 3	4	2	3 4 6	0 6 5	1 4 3	2	0 5 2	0 1 2	0	0 0 2	1 2 3

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULP	HUR D	OXIDE								UNIT	s · o	.01 PA	RTS/N	ILLIC	N							
	ST	ATION		WC NO	2202	3	WRAY	MINOR	RDP	T MAI	TLANG)				MON	ιтн -	DEC	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	3	3	2	3	1	1	1	2	1	2	2	3	2	2		3	2	2	4	3	6	2	3	:	2
2	3	2	1	1	2	4	4	5	4	1	1	1	1	****	0	0	0	1	0	0	0	0	1	0		1
3	0	3	2	0		0	0	0	0	0	0	6	1	1	3	3	2	1	0	0	0	0	1	1		1
4	0	1	- 2	3			1	1	1	1	1	3	3	2	2	2	3	3	0 3 0	3	3	1	2	1		2
5	7	2	3		O	1	0	Ó	1	3	1	1	1	1	2	1	2	1	0	1	0	0	0	0		1
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9							****	****		****		Ó	0	1	1	1	1	1	1	1	1	1	2	2	*****	
10	2	2	2	2	2	2	1	1	1	29	1		ĩ	1	1	Ó	0	0	Ó	ò	Ó	ó	ō	ō		1
10	-	-	-	-		•	,						190						•		•		-	-		
11	3		2	3	2	٥	-	2		2	1	0	0	0	0	0	0	0	0	0	0	0	0	- 1		1
12	3													****							****	****		****		
13	****													0	2	2	0	5	- 10	0	0	0	0	0		
14	0	2				•	•	1	•	1	1	1	1	,	1	- î	1	- 1	1	ĭ	õ	o	ĭ	ĭ		1
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15	1		1	- 1	4	- 1			- 3	- 1		,	•	2	3	3	3	2	2	3	5	6	3	2		ż
16	0	0	1	. 1	-		1	ò	1	- 1		****	•	2	3		2	1	ő	ő	0	1	1	5	,	
17	3	2	2	1	0	0	ò		1	ò	ò	0	ò	2	0		ő	ò	ő	ő	0	ò	ò	2		ò
18 19	2	. !	_ 1	1	0	ŏ	0		-		2	2	_	2	U	٠	Ÿ	٠	٠	٠		٠	٠	1		2
19	0	- 1	_ 1	3		3	3		3	2	ő	0			1	2	2	2	2	2	2	2	2	2		1
20	- 1	0	0	0	-7	3		U	0	U	U	U		3	-	-	- 4	4	2	2	2	2	- 4	2		
	1					4	1	1	0	0			0	0	0	0	0	0		0	0	0	0			^
21 22 23		0	2				2		1	٠	1		Ÿ	2	2	10 To 10	2	2	0	2	2	2	2	0		
22	0	1	1				1	2	í	- 4	•	,		- 1	- 1		5	•	1	1	ő	ő	- 1	ō		:
23	*	,					ò		6	ò		2		- 1			•	ó	ò	2	0	2	ż	3		
24 25 26 27	0	0	0			•	٠	٠	٠	·						- :		Ÿ	٠		á					:
25	2	2	2	2			- 1		7	4	-			INVA		•	•		- 1	- 4	U					•
26					2222								DATA	INVA				0		_	_	20	1			_
27	****	••••	****	••••	****	****		••••				••••					•	ŏ	0	0	0	1	- 70	,	*****	-
28 29	1	3	2		100	3	2		2	5	- 7	3	3 577	2	2	1	1		2	1	2	- 2	2	3		-
29	1	- 1	1	0		0	4	2	0	0	1	****		1	1	1	- 2	4	1	3	2	1	2	2		1
30	4	5	7	8	3	3	2	3	3	2	2	2	4	5	3	2	1	1	1	1	1	2	2	2		3
31	5	1	1	1	1	1	1	4	4	5	5	4	2	6	4	4	6	4	3	,	1	1	1	1		3
MEAN	1	1	1	1	1	1	1	1	1	1	1	. 2	1	1	2	1	2	1	- 1	1	1	1	1	1	1.	3

PERCENTAGE OF DATA VALID - 85.6 PERCENTAGE OF DATA INVALID - 14.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - WC	NO 22023 WRAY MINOR	RD PT MAITLAND		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.0	4	13
FEB	29	1.0	4	13
MAR	30	1.3	2	8
APR	29	1.4	3	8
MAY	30	0.9	3	6
JUN	30	0.5	2	3
JUL	31	0.0	0	1
AUG	18	0.4	2	6
SEP	30	1.4	5	7
ост	26	1.3	2	7
NOV	30	1.1	3	7
DEC	25	1.3	3	8
YEAR	339	1.1	5	13

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT -	SULPHUR D	DIOXIDE				UNITS - 0.0	1 PARTS/MILLION			
- NOITATE	WC NO 220)23 WRA	Y MINOR RD	T MAITLAND						
MONTH	00 TO 04	05 TO 10	11 TO 14	15 TO 25 26	TO 39	40 &OVER	TOTAL			
JAN	691	45	1	О	0	0	737			
FEB	673	9	3	0	0	0	685			
MAR	707	6	0	0	0	0	713			
APR	691	7	٥	0	0	0	698			
MAY	708	4	0	0	0	0	712			
JUN	703	0	0	0	٥	0	703			
JUL	729	0	0	0	٥	0	729		12	
AUG	447	1	0	0	0	0	448			
SEP	681	20	0	0	0	0	701			
OCT	617	10	0	0	0	0	627			
NOV	685	28	0	0	0	0	713			
DEC	619	18	0	0	٥	0	637			
YEAR	7951	148	4	0	0	0	8103			
FREQUENCY	DERCENT OF DATA	ON BY PERC			DISTR	RATIONS BUTION, PER				RITH
	VALID	MIN	10 3	50	70	90	95 98	99	MAX I	MEAN

92,2 0 0.0 0.0 0.3 0.9 2.0 2.8 3.9 4.9

13 1.1

POLLUTANT - SULPHUR DIOXIDE

	STA	TION	- WC	NO 2	2071	E	XPERI	MENTAL	LFAR	M SI	MCOE					MONT	тн	JAN	76						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	2 1 1 1 2 4 1 1 2	2 1 1 1 2 3 1 1 2	1 1 1 1 2 3 1 1 2	1 1 1 1 2 2 1 2 2 2	1 1 1 1 3 1 1 2 2	1 1 1 1 4 1 1 2 2	1 1 1 1 5 1 1 1 2	1 1 1 5 1 1 2 2	1 1 1 1 1 4 1 1 2 2	1 1 2 1 1 4 2 1 2 2	1 2 1 1 4 2 1 2	1 2 1 1 1 4 1 1 2 2 2	1 2 2 1 1 4 2 1 2 2	1 3 1 1 2 4 1 1 2 2	1 1 1 5 1 1 2 2	1 4 1 1 5 1 1 2 2	0 3 1 1 5 1 1 2 2	1 4 1 1 5 1 1 2 2	1 4 1 1 2 5 1 2 2 2	1 4 1 1 6 2 1 2 2	1 1 1 6 2 1 2 2	1 1 1 2 5 1 1 2 2	2 1 1 2 4 1 1 2 2	2 1 1 2 4 1 1 2 5	1 2 1 1 4 2 1 2 2
11 12 13 14 15 16 17 18 19	5 3 0 0 0 0 1 1 0	5 4 0 0 0 0 0 1 1 0	4 5 0 0 0 0 0 1 0	4 3 0 0 0 0 0 0	5 0 0 0 0 1 1	5200000110	5 2 0 0 0 0 0 1 0 0	520000110	5 2 0 0 0 0 1 1	4 2 0 0 0 0 1 1	4 2 0 0 0 0 1 0	4 0 0 0 0 1 1 1	4000001010	3 0 0 0 0 0	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	300001000	3 0 0 0 0 0 1 0 0 0	2000001000	0 0 0 0 0 0 0	2000000000	300000000	300000000	30000000	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 1 1 3 1	0 0 0 0 0 1 1 2 1	0000001121	0 0 0 0 0 1 1 2 1	0 0 0 0 0 1 1 2 1 0	0 0 0 0 0 1 1 2 1	0 0 0 0 0 1 2 2 1 0	0 0 0 1 1 2 1	0 0 0 1 0 0 1 2 1 1	0 0 0 1 0 1 2 1 1	***** 0 0 0 0 1 1 2 1 1	0 0 0 1 1 2 1 3 2	0 0 0 1 1 1 1 2 2 2	2 0 0 0 0 1 1 3 1 2 5	200000021112	2000021312	2000031217	1 0 0 0 0 3 1 1 1 3 3	1 0 0 0 0 0 3 1 1 1 2 3	0 0 0 0 2 1 1 1 2 2	0 0 0 0 0 2 1 2 1 2	0 0 0 0 1 1 3 1 1	0 0 0 0 1 1 3 1 1	0 0 0 0 1 1 3 1	0 0 0 0 0 1 1 2 1 2 2

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANI	r - s	ULPHU	R D (0	XIDE							L	NITS	- 0.0	O1 PA	RTS/M	ILLIO	N						
	STA	TION -	- wc	NO 2	2071	E	XPERI	MENTA	L FAR	M SIM	COE					MON	TH -	FEB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 3 1 2 0 5 1 1 0 2	2323051104	2 3 1 3 0 1 0 1 0 3	2 3 1 3 0 1 0 1 0 2	2 3 1 2 0 1 0 1 0 2	2 3 1 2 0 1 0 1 0 2	2 3 0 2 0 1 1 1 0 2	4 3 0 2 0 0 1 1 0 2	4 3 0 2 0 0 1 1 0 2	4 3 2 0 0 1 1 0 2	4 3 2 2 0 0 1 1 0 2	4 0 1 0 1 1 1 2	4 1 3 0 2 0 1 0 1 1	4 1 20 20 10 10	3240101010	3 2 3 0 1 0 1 0 2 1	3 1 4 0 1 0 1 0 1 1	3 1 4 0 2 0 1 0 2 0	3 1 4 0 3 1 2 0 2 0	3 1 5 0 2 1 1 0 2 0	3 1 5 0 1 1 0	3 1 5 0 1 1 1 0 2	3 0 5 0 1 1 2 0 2 0	3 0 1 1 0 2 0	3 2 3 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19	0 0 1 0 0 0 0	0 0 1 0 0 0 0	0 0 0 0 1 1 0 0	000001100	0 0 0 1 0 1 0 0 0	0 0 0 0 1 0 0 0	0 0 0 1 0 1 0 0 0	0 0 0 1 0 0 0	0 0 0 1 0 0 0	0 1 0 0 2 0 1 0 0 0	01001000	0 2 0 0 1 1 1 0 0 0	0 2 0 0 1 0 0 0 0	0 2 0 0 1 0 1 0 0 0	0 1 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0	0000	0 0 0 1	0 1 0 0 0 1 1 0 0	0 1 0 0 0 1 4 0 0 0	0 1 0 0 0 1 2 1	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	0 0 5 1 0 0 0 0 0	0 0 3 1 0 0 0 0 0	0001000	002001000	0 0 1 0 0 0	0 0 1 0 0 2	0000000	0000000	000000000	000001000	000012000	0 1 1 0 1 2 0	0 0 1 0 0 0	0 0 1 0 0 0	00000000	1 0 1 0 0 0	0 0 1 0 0 0 0 0 0	001000000	0 1 1 0 0 0 0 0 0 0	1 0 0 0	0 2 1 0 0 0 0 0	0300000	0 4 0 1 0 0 0 0 0	0 5 1 0 0 0 1 0 0	0 1 1 0 0 1 0 0 0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

	ST.	ATION	- W	C NO	22071		EXPER	IMENT	AL FA	RM SI	MCOE					MON	тн -	MAR	76							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1	0 0 0 0 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 ****	0 0 0 0 1	0 0 0 0 0 1	0 0 0 1 1 ****	0 0 0 2 1	1 0 0 1 1	-	DATA	O O O 1 1 **** INVAL INVAL	ID -	0 0 0 1 1	0 0 1 0	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1 1	0 0 0 1 1 1 ****	0 0 0 1 1	0 0 0 1 1 1 *****	
10 11 12 13 14 15 16 17 18 19 20	****	**** 0 0	****	****	**** 3 1	****	**** 1	**** 1 1	****	****	****	****	DATA DATA DATA DATA **** 1 **** DATA DATA	INVAL INVAL INVAL INVAL INVAL INVAL INVAL	ID - ID - ID - ID - 0 1	0 1	1 1	0 1	1 1	1 1	1 1	1 1.	1 1 ****	1 1	*****	
21 22 23 24 25 26 27 28 29 30	**** 2 2 1 0 0 ****	**** 2 2 1 1 0	**** 2 2 1 1 0	**** 3 2 1 1 0 ****	**** 3 2 1 1 0 ****	**** 3 2 1 1 0 ****	**** 3 2 2 1 0 ****	**** 3 2 2 1 0 ****	**** 3 2 3 1 0 ****	**** 4 2 3 0 0	**** 4 2 **** 0 0 ****	**** 4 2 2 0 0	DATA 2 3 2 1 1	INVAL INVAL 2 3 2 1 0 0	3 3 2 2 2 0	2 3 2 2 0 0 2	2 3 2 2 0 0	2 3 2 2 0	2 3 2 1 0	2 2 2 1 0	2 2 2 1 0 ****	2 3 1 1 0	2 2 1 1 0 ****	2 3 1 0 0 ****	****** 3 2 1 0 0	
31 MEAN	****	****	****	****	****	****	****	****	****	****	****	****	1	1	0	0	0	0	0	0	0	0	1	1	0.9	
MEAN			1		,	,			2	(9)											,					

PERCENTAGE OF DATA VALID - 41.1 PERCENTAGE OF DATA INVALID - 58.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- S	ULPHU	R DIO	XIDE							U	INITS	- 0.0	1 PAF	TS/MI	LLION	ı						
	STA	TION -	WC	NO 2	2071	i	EXPERI	MENTAL	FAR	M SIM	COE					MONT	н - д	PR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 2 1 1 0 1 1 1	0 1 0 1 1 1 0 1	O 1 O 1 1 O 1 1 1 1	0 1 0 1 0 1 0 1	0 1 0 1 0 1 1 1	0 1 0 0 0 1 1 1	1 0 0 1 0 1	0 0 0 1 0 0 1 1 0 1	0 0 0 1 0 0 1 1 1 1 2	1 0 0 1 1 1 1 1 2	1 0 1 1 2 0 1 1 1 1 2	1 0 1 1 0 1 1 2	1 0 1 1 0 1 1 2	1 0 1 1 1 1 2	1 0 1 1 1 1 1 2 2	1 0 1 0 1 1 2 1 2 2	1 0 1 0 1 1 1 1 2 2	1 0 1 0 1 1 1 1 1 2	1 0 1 0 1 1 1 1 1 1 2	1 0 1 1 1 1 1 2	1 1 0 2 1 1 1 1 2	0 1 1 0 1 1 1 1 1 2	0 1 1 0 1 1 1 1 1 2	1 0 1 1 0 1 1 2	1 1 1 1 1 1 2
11 12 13 14 15 16 17 18 19	1 0 1 1 3 2 2 2 1	1 0 1 1 - 2 2 2 2 1	1 0 1 1 2 2 2 3 1 *	1 0 1 1 - 2 2 2 2 2 2 2	1 0 1 1 2 2 2 2 2 2	1 0 1 1 - 2 2 2 1	1 0 0 1 1 2 2 2 1 1 1	1 0 1 1 2 2 2 2 1	1 0 0 - 2 3 2 1 1	1 0 0 - 2 2 3 3 3 2 1 *	1 0 0 - 2 2 3 3 1 ***	100-323320	1 0 0 - 3 2 3 4 2 1	1 0 1 3 3 3 2 2 1	1 0 1 - 3 3 3 3 3 2 1	2 0 1 . 3 3 3 2 2 1	2 0 1 . 3 3 2 2 2 1	1 0 1 - 3 3 3 3 3 1	1 0 1 3 3 3 2 2 1	1 0 1 2 3 2 2 3 1	1 0 2 - 2 2 2 2 2 1	1 C 1 - 2 2 2 2 2 2 2	1 0 1 . 3 2 2 2 2 1	101.222212	1 0 1 ****** 2 2 2 2 2
21 22 23 24 25 26 27 28 29 30	2 1 0 0 0 0 0 1 2 2	1 1 0 0 0 0 0 1 2 2	1 1 0 0 0 0 0 1 2 2	1 1 0 0 0 0 0 0 1 2 2	1 1 0 0 0 0 0 0 1 2 2	1 0 0 0 0 0 1 2 2	1 0 0 0 0 0 0 1 2 2	0 1 0 0 0 0 0 2 2 2	1 1 0 0 0 0 0 2 2 2 2	1 0 0 0 0 0 0 3 2 2 2	1 1 0 0 0 0 0 2 2 2 2	1 1 0 0 0 0 0 2 2 2	1 0 0 0 1 0 2 2 2	1 1 0 0 0 0 0 0 2 2	1 1 0 0 0 0 0 0 2 2 4	1 1 0 0 0 0 0 1 2 3	1 0 0 0 1 0 1 3 3	1 0 0 0 1 0 1 3 3	1 1 0 0 0 1 0 1 3 2	1 0 0 0 1 0 1 3 2	1 1 0 0 0 0 1 3 2	1 1 0 0 0 0 0 1 3	1 1 0 0 0 0 0 0 1 3 2	1 1 0 0 0 0 0 2 3 2	1 1 0 0 0 0 0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 3.5

- *- * INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- W	C NO	22071		EXPER	IMENT	AL FA	RM SI	MCOE					MON	TH - I	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 2 1 2 1 0 1 1	2 2 2 1 2 1 0 0 1	2 2 2 1 2 1 0 0 1	2 2 1 2 1 0 0 0	2 2 2 0 2 1 0 0 0	2 2 2 0 2 1 0 0 0	222022000	222122000	222121000	2 2 0 1 	2 2 1 1 0 0	3 2 1 2 1 0 0	3 2 1 1 2 0 0 0 1	4 2 1 2 1 0 0	4 3 1 1 2 0 0 0	3 2 1 1 2 0 0 1	3 2 1 1 2 0 0 1 1	3 2 1 1 2 0 0 1 1	3 1 1 2 0 0 1 0	3 2 1 1 2 0 0 1 0 0	3 1 1 2 0 0	2 3 1 1 2 0 0 1	2 2 1 2 2 0 0 1 1	2 1 2 1 0 0 1 1	3 2 1 1 2 1 0 0
10 11 12 13 14 15 16 17 18 19 20	1 0 0 0 0 0 1 1 0 0	1 00000011100	1 0 0 0 1 1 1 0 0	1 0000000000000000000000000000000000000	1 00 00 00 00 11 10 00	0 0 0 0 0 0 1 1 0 0 0	0 0 0 0 0 1 1 0 0	0 0 0 0 1 0 0	0 0000001000		0 0 0 0 0 1 0 0 1	0 0 1 0 0 1 0 0 1	0 0010001001	0 0 0 0 0 1 1 0 0 1	0 0 0 0 1 1 0 0 1	0 0 0 0 0 1 1 0 0 1	0 0 0 0 0 0 1 0 0 1	0 0 0 0 0 1 0 0 1	0 0 0 0 0 0 1 0 0 1	0 0 0 0 0 1 1 0 1	0 0 0 0 0 1 1 0 1	0 0 0 0 0 1 1 0 1	0 0 0 0 1 0 1 1 0 1	0 0 0 0 0 0 1 1 0 1	0 0 0 0 0 0 1 1 0 0 1
21 22 23 24 25 26 27 28 29	1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 0 0 0 0 0 1 1 1 1 1	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 0 0 0 0 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 1 0 0 0 2 2	0 1 1 1 1	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	001000	000000000000000000000000000000000000000	000000	0 0 0 0 0 0 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- -- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULPH	IUR DI	OXIDE								UNITS	- 0.	O1 PA	RTS/M	ILLIO	N						
	ST	MOITA	- 1	IC NO	22071		EXPER	IMENT	AL FA	RM SI	MCOE					MON	TH -	אטע	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	1 2 2 1 0 0	1 1 0 0 1	1 1 1 0 0	1 1 1 0 0	1 1 1 0 0	1 1 1 1 0 1	1 2 2 1 1 0 1	1 2 2 1 1 0 1	1 2 2 1 1 1 1 1	1 2 1 1 1 1	1 1 2 2 1 1 1	1 1 2 2 1 1	1 2 1 1 1 1	1 0 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1	1 1 0 1 1	1 1 0 0 1	1 1 0 0 1 1	1 1 0 0	1 1 0 0	1 1 0 0 0 1	1 1 1 1 1 1
8 9 10	1 1 0	2	1 2 1	1 1	1 1 1	1	1 1	1	1	1 1 1	1	1 0	1 0	1 1 0	1 0	1 0	1	1 1 0	1 0	1	1 1 0	1 1 1	1 0	1	1 1 0
11 12 13 14	0 0 1	0 0 1	0 0 1 0	0 0 0	0 0 0	0 0 0	0 0 0 1	0 0 0	0 0 0	0 0	0 0 1 2	0 0 0 1 2	0 0 2 2	0 0 2 2	0 0 1 2 2	0 1 2 2	0 0 1 2 2	0 0 1 2 2	0 0 1 2 1	0 0 1 2 1	0 1 2 2	0 0 1 2 2	0 0 1	0 0 1 1	0 0 1 1
14 15 16 17 18 19	0	0	0	0	0	0	0	0	0	0	0	0 1	0 1 1	0 0	1 1 2	1 2	1 1 2	1	1 1	1 1 1	1 1 1	0 1 2	0 1 2	0 1 2	1 0 1
20	•		1	(*)										INVAL											
22 23 24 25 26 27 28 29	0 0 0 0 1 0	00001010	0	0 1 0 0	0		0 0 0	0 0 0 1 0 0 0	0000	0 0 0 1 0 0 0	0 0 1 1 0 0 0	0 0 1	0 0 1 0 0	0 1 0 0 0 1 0	1 0 0 1 1 0	0 2 1 0	1 0 0 2 1 0	1 0 0 1 1 0 0	1 0 0 1 2 0 0	1 0 0 1 1 0 0	1 1 0 1 1 0	1 1 0 1 1 0	1 0 0 0 1 1 0 0	1 0 0 1 1 0 0 0	0 1 1 0
30 MEAN	0	0	1		0	0	0	1	0	ŏ 1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 86 9 PERCENTAGE OF DATA INVALID - 12.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	WC	NO 2	2071	Ε	XPERI	MENTA	L FAI	RM SI	MCOE					MON.	тн - ,	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 0 1 1 1 - 2 2 1 1	1 0 0 0 1 - 2 2 1 0	1 0 0 0 1 - 2 2 1 0	1 0 0 0 1 - 2 2 1 0	10000 - 2210	1 0 0 0 0 - 2 2 1 0	10000-2210	1 0 0 0 1 - 2 2 1 0	1 0 0 0 1 - 2 2 1 0	0 0 1 0 1 - 2 2 1 0	0 0 1 0 ***** 2 2 1 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 - 2 2 1 1	0 0 0 0 - 3 2 1 1	0 0 0 1 - 3 1 1 1	3	3 1 1	0 0 1 1 1 2 2 1 2	0 0 1 0 - 2 3 2 1 2	0 0 2 1 2 3 1 1 2	0 0 1 1 - 2 3 1 1 2	0 0 1 1 2 3 1 1 2	0 0 2 1 - 2 2 1 1 2	0 0 1 1 2 2 1 1 2	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	1 0 2 1 0 0 0 0 2	1 1 0 1 1 0 0 0 0 0 2	1 0 0 1 1 0 0 0 0 2	1 0 0 1 1 1 0 0 0 2	1 0 0 1 1 1 0 0 0 2	1 0 0 0 0 0 0 0 2	1 0 0 1 0 0 0 2	1 0 0 1 0 0 0 1	1 0 0 1 1 0 0 0 1	1 0 0 1 0 0 0 0 0 2	1 0 0 1 1 0 0 0 0 *****	1 0 6 1 0 0 0 0	1 0 6 1 0 0 0 0	1 0 6 1 0 0 0	1 0 6 1 1 0 0 0 1 2	1 0 5 1 0 0 0 1 2	1 0 5 1 0 0 0 0 2 2	1 0 4 1 0 0 0 0 2 2	1 0 4 1 0 0 0 0 2 2	1031000022	1031000021	1 0 2 1 0 0 0 0 1 1	1 0 2 1 0 0 0 1 1	1 0 2 1 0 0 0 2 1	1 0 2 1 0 0 0 1 2
21 22 23 24 25 26 27 28 29 30	1 1 0 2 1 2 1 1 1	1 0 2 1 1 1 0	1 1 0 2 1 1 1 0 1 1	1 0 2 1 1 1 1	1 0 2 1 1 1 1	1 0 0 2 1 1 1 1 1 1 1 1	1 0 1 0 2 1 1 1 1 1 1 1 1 1	1 2 2 1 1 1 0 1 1 1	1 2 1 1 0 1 1	1 1 2 1 1 1 1 1	1 2 ***** 2 1 1 1 3 1	1 4 0 2 1 1 1 5	1 0 1 2 1 1 1 5 1 1	1 0 1 2 1 **** 1 4	1 0 1 2 1 2 1 6 1 2	1 0 1 2 1 2 1 2 1 2	1 0 1 2 1 2 1 1	1 0 1 1 2 1 1 1 1 1	1 0 1 1 1 2 1 1 1	1 0 2 1 1 2 1 1 1 1 1	1 0 2 1 1 2 1 1 2	1 0 2 1 1 2 1 1 1 1	0 0 2 1 1 2 1 1 1 1	0 0 2 1 1 2 1 1 1 1	1 1 2 1 1 2 1 1 1
31 MEAN	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 94.9 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 3.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	FUL	LUIAN	- 3	CEFHO	n DIO.	AIUL									0.0	, A.	() W/ III /	LLION	•						
	STA	TION -	WÇ	NO 2	2071	E	XPERI	MENTAL	- FA	RM SI	MCOE					MON1	гн - д	UG	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9 10	1 1 1 2 2 0 1 0 0	1 1 1 3 2 0 1	1 0 1 1 3 2 0 0 0 0 0	1 0 1 2 3 2 0 0 0 0	1 0 0 1 3 1 0 0 0	1 0 0 1 3 2 0 0 0 0	1 1 0 2 3 1 0 0 0	1 1 0 2 3 1 0 0	1 1 0 2 4 1 1 0 0 0 0 0	1 1 3 4 4 0 0 0	1 1 2 3 3 **** 0 0	1 1 0 2 4 1 0 0 0 0	1 1 2 3 1 0 0 0 1	1 1 2 4 1 0 0 0 1	1 1 3 4 1 0 0	1 1 3 3 1 0 0 0 1	1 1 3 3 0 0 0 0 1	1 1 3 3 1 0 0 0 2	1 1 3 3 1 0 0 0 1	1 1 3 3 0 0 0 1	1 1 3 3 0 0 0 0 1	1 1 3 2 0 1 0 0 1	1 1 2 2 0 0 0 1	1 1 1 2 2 0 0 0	1 1 2 3 1 0 0 0 1
11 12 13 14 15 16 17 18 19	1 5 3 2 3 1 1 0 0	1 4 3 2 2 1 1 0 0	1 5 3 2 2 1 1 0 0	1 5 3 2 2 1 1 0 0	1 5 3 2 2 1 1 0 1	1 4 3 2 2 1 1 0 1 1	1 3 3 2 2 1 1 0 2 1	1 3 3 2 2 2 1 0 1	1 3 2 2 2 2 1 1 1 3	1 3 2 2 2 1 1 0 1 4	2 3 2 4 2 1 1 4	3323210124	3 3 2 3 2 2 0 0 1 4	4 3 3 3 2 2 1 1 4 4	4 3 3 3 2 2 0 1 1 4	4 3 3 3 2 2 0 1	5 3 3 4 2 2 0 1 1 4	4 3 3 4 2 1 1 1 4	4 3 4 2 1 1 1 3	4 3 3 2 1 1 1 3	433321113	4 3 2 3 2 1 1 1 3	4 3 2 3 2 1 1 1 3	5 3 2 3 2 1 1 1 1 3	3 3 3 2 1 1 1 1 3
21 22 23 24 25 26 27 28 29 30	2 2 3 3 0 1 1 0 0 0	2 4 3 0 1 2 0 0 0	2 2 3 3 0 1 2 0 0 0	2 2 3 3 1 1 2 0 0 0	2 3 3 2 1 2 2 0 0 0	2 3 3 2 2 2 1 0 0 0	2 3 2 2 1 2 1 0 0 0	2 3 2 3 1 2 1 0 0 **	2 4 3 3 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 4 3 2 1 1 0 0	3 4 3 - 1 2 0 0	3 4 4 1 1 2 0 0	3 4 3 1 1 2 0 0	3 4 3 1 1 2 0 0 0 1	3 4 3 1 1 2 0 0	3 4 4 2 2 2 0 0 0 1	3 4 2 2 0 0	3 4 2 2 2 1 0 0 1	3 3 4 2 3 5 1	3332351	3 3 2 2 4 0 0 0 1	3 3 2 1 4 0 0	3 3 1 1 2 0 0	3 3 1 1 1 0 0 0 1	3 3 2 1 2 1 0 0
31 MEAN	0	0	0	0	0	0	0	0	2	5 2	3	3 2	1	1 2	2	2	2	2	2 2	2	2	2	2	2	1 1.5

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- wo	NO 2	2071	E	XPERI	MENTA	L FAI	RM SI	MCOE					MON	rH - 5	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	2 0 1 2 0 0 0 1 2 1	2012000121	2002000121	1 0 0 1 0 0 1 2 1	1 0 0 1 0 0 1 1 1	1 0 0 1 0 0 0 1 1 1 1	1 0 0 1 0 0 0 1 1 1 1	1 0 0 1 0 0 1 1 1 1 1 1	1 0 1 0 0 1 1 2 1	1 0 1 0 3 1 2	0 0 2 1 0 3 0	0 0 2 1 0 2 0 2 1 1	0 0 1 1 0 1 1 3 1 1	0 0 0 1 0 1 3 2 1	0 0 1 1 0 1 1 3 2	0020001331	0 0 0 0 1 3 3 1	0020001331	0 0 1 0 0 0 2 3 3 1	0 0 1 0 0 1 3 3 1	0 0 1 0 0 1 3 3	0 0 1 0 0 1 3 2 1	0 0 1 0 0 1 0 3 2 1	0 0 1 0 2 2 1	1 0 1 1 0 1 1 2 2
11 12 13 14 15 16 17 18 19	0 0 2 3 4 2 1 1 1 1 1	0 0 3 3 3 2 1 1 1 1 1	0 0 4 2 4 2 1 1 1 1	1 0 3 2 3 2 1 1 1 2	1 1 2 2 2 2 1 1	1 1 2 2 2 1 1 1 1	1 1 1 1 1 2 1 1 1	1 1 2 1 1 1 1 1 1 1	1 1 2 2 1 1 1 1 1	1 2 3 2	1 1 2 2	1 1 2 2 2 1 1 1 1	1 1 2 1 1 1 1 1 1 1 1 1	1 1 2 1 3 1 1 1	0 2 2 2 3 1 1 1	0 2 2 1 4 1 1 1 1 1 1 1 1	0 2 2 2 3 1 1 1 1 1 1	1 2 3 2 4 1 1 2 2 0	1 2 3 2 3 1 1 2 2	1 2 3 2 3 1 1 2 2 0	1 3 3 3 1 1 2 2	1 2 2 3 3 1 1 1 2 0	1 2 3 2 3 1 1 1 2 0	1 2 3 3 2 1 1 1	1 1 2 2 3 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 0 0 1 0 1 1 1	0 1 1 0 0 0 1 1 1 1	0 0 1 0 0 1 1 1	0 0 1 0 0 0 1 1 1	0 0 0 0 0 2 1 1	0 0 1 0 0 0 1 1 1	0 0 0 0 0 1 1 0	1 0 1 0 0 0 0 1 1	0 0 0 0 0 1 1 0	0 0 0 0 1 1 1 2	0 0 1 0 1 1 2 1 1 2	0 1 1 0 1 0 2 1 1	0 1 0 1 0 2 1 1	1 0 1 0 1 0 3 1 1	0 1 0 1 0 3 1 1	0 1 1 0 1 3 1 1 1	0 0 1 1 2 1 1 1	1 1 0 1 0 2 1 2 1	1 1 0 1 0 2 1 2 2	0 1 1 0 1 1 2 3	0 1 0 1 0 1 2 2	0 0 1 0 1 0 1 1 2	0 0 0 1 0 1 1 1	0 0 0 0 1 1 1 1 1 1 1	0 0 1 0 1 1 1 1

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- * * INDICATES DATA IS UNAVAILABLE
- 3. " --- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULPHI	JR DIO	XIDE							9	UNITS	- 0.0)1 PAF	RTS/MI	LLIO	N						
	ST	ATION	- 1	IC NO	22071	E	XPERI	MENTAL	. FAF	RM SI	MCOE					MONT	н - с	CT	76						
HOUR	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 1 3 1 2 2 1 1 2 1	0 1 2 1 1 2 1 1 2 2	0 1 1 1 1 2 1 1 1 2	0 0 1 1 1 2 1 1 1 1 1	0 0 1 1 2 2 1 1 1 1 1	0 0 0 1 3 2 1 1 1 1 1	0 0 1 3 2 1 1 1 1	0 0 0 1 3 2 1 1 1 1 1	0 0 1 1 3 2 1 1 1 1 1	0 0 1 1 2 2 1 1 1 1	0 1 2 2 2 2 1 1 1	0 1 2 2 2 2 1 1 1 1	0 1 2 2 2 2 1 1 0 1	5 1 2 2 1 1 1 0	14 1 2 2 1 1 1 0 1	5 1 2 2 1 1 1 1 1 1	1 1 2 2 1 1 1 1 1 1 1 1	1 1 2 2 1 1 1 1	2 1 1 2 2 1 1 1 1	1 1 1 2 1 1 2 1	1 1 2 1 1 2 1 1	1 1 1 1 1 1 1	1 3 1 1 2 1 1 1 1 1	1 5 1 1 1 1 1 1	1 1 1 2 2 1 1 1 1 1 1
11 12 13 14 15	1 2 4 3	2 4 2	1 2 3 2	1 2 3 1	0 2 3 1	0 2 3 1	1 2 3 1	1 2 3 1	1 3 3 1	5 3 1	1 5 2 1	-	DATA	3 4 2 1 INVALI INVALI	ID -	3 5 3 0	3 4 3 0	4 0	2 4 4	2 5 3	1 5 3	2 4 3	2 4 3	2 4 2	2 4 3 1
17 18 19 20	**** 2 1	· · · · · 2	•••• 3 1	2 1	**** • 2 1	2 1	2	2 1	2	2 1	1 4 1	1 2 1	3	2 2 1	2 2	2 2 1	2 2 1	2 1 1	2 1 1	1 1	1 1 1	1 1 1	1 1	1 1 1	2 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 2 2 2 3 3	2 2 3	2	2	1 1 1 1 1 2 3 3 3 4	1 1 1 1 2 3 3 4	1 1 2 1 1 2 2 3 4	1 1 2 1 1 2 2 2 3 3	1 1 2 1 1 2 2 3 3 3	1 1 1 2 3 3 3 3 3 3	1 1 1 2 4 3 3 3	1 1 1 1 3 4 3 3 3	1 1 1 3 2 3 3 4	1 1 1 2 3 2 3 3 5 5	1 1 3 2 2 3 3 5	1 1 1 1 2 2 3 4 5	1 1 2 1 1 2 2 3 3 5	1 1 1 1 2 2 3 3 4	1 1 1 2 2 3 3 4	1 1 1 2 2 3 3 4	1 1 1 1 2 2 3 3 4	1 1 1 1 2 2 3 3 4	1 2 1 1 1 2 2 3 3	1 1 1 2 2 3 3 4	1 1 1 1 2 2 3 3 3 4
31	4				3	3	3	3	3	3	3	3	3	-	2	2	2	2	2	2	2	3	3	3	3
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 87.6

PERCENTAGE OF DATA INVALID - 12.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	MOITA	1 - V	C NO	22071	li.	EXPER	IMENT	AL FA	RM SI	MCOE					MON	TH -	NOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5	2 2 3 2 2 2 2 2	2 3 2 2 2 2	2 3 2 2 2 2	2 4 2 2 2 2	2 3 2 2 2 2	2 3 2 2 2 2 2	2 3 2 2 2 3	2 3 2 2 2 3	2 3 3 2 2 3 2	2 3 2 2 3	2 3 2 2 2 2 3	3 5 2 2 ****	2 4 2 2 3 3	2 4 2 2 2 3	2 4 2 2 2 3	2 2 2 2 3	2 3 2 2 2 3	2 3 2 2 2 3	2 3 2 2 2 3	2 3 2 2 2 3	2 3 2 2 2 2 3	2 3 2 2 2 2 3	2 3 2 3 2	2 3 2 2 2 2	2 3 2 2 2 3
7 8 9 10	2 2 2 2	2 2 2	2 2 2 2	2 2 2 2	2 2 2	2 2 2 2	2 2 2	2 2 2 2	2 2 2	2 2 3 2	2 2 3 2	2 2 3 2	2 2 3 2	2 2 3 2	2 2 3 2	2 2 3 2	2 2 2 2	2 2 2 2	2 2 3 2	2 2 3 2	2 2 2	2 2 2 2	2 2 2 2	2 2 2 2	2 2 2 2
11 12 13 14 15 16 17 18 19	2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 3 3	2 2 2 2 2 3 2 3 ****	2 2 2 2 2 2 3 2 ****	2 2 2 2 2 2 3 2 ****	2 2 2 2 2 2 2 2 2 ****	2 2 2 2 2 2 2 2 2 ****	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 3 2 ****	2 2 2 2 3 3 2 ****	2 2 2 - 3 3 2 ****	2 2 2 2 2 4 1 ****	2 2 2 2 2 2 5 1 ****	2 2 2 2 2 2 6 1 ****	2 2 2 2 3 2 5 1 ****	2 2 2 2 3 5 2 ****	2 2 2 2 3 4 2 ****	2 2 2 2 2 4 2 4 2	2 2 2 2 2 2 3 2 ****	2 2 2 2 2 3 2	2 1 2 2 2 2 4 3 ****	2 1 2 2 2 2 3 3 3 ****	1 2 2 2 2 2 2 2 ****	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 3 2
21 22 23 24 25 26 27 28 29 30	**** 1 2 2 3 2 1 1	**** 1 2 1 3 3 2 1 1	**** 1 2 1 3 3 2 1 1	**** 2 1 1 3 3 2 1 1	**** 2 2 1 3 3 2 1 1	**** 2 2 1 3 2 2 1 1 1	**** 2 2 1 2 2 2 1 1 1	**** 2 2 2 3 2 2 1 1	**** 2 1 2 2 2 1 1 2 2	2 1 2 2 3 1 1	1 2 1 2 2 3 2 1	1 1 2 2 2 1 1 2	DATA 1 2 2 3 3 2 1 1	I NVAI 1 2 1 3 2 2 1 1	LID - 1 2 1 3 2 2 1 1 1 1	1 2 1 4 2 2 1 1	1 2 1 3 3 2 1 1	1 2 1 3 3 2 1 2 2	1 2 1 3 3 2 1 2 2	1 3 1 3 2 1 2 2	1 2 1 3 3 2 1 2 2	1 2 1 3 3 2 2 1 2	1 2 1 3 3 2 1 1 1	2 2 2 3 3 2 2 1	****** 2 1 2 3 2 1 1 1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 88.5 PERCENTAGE OF DATA INVALID - 11.1

PERCENTAGE OF DATA UNAVAILABLE - 0.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. *- * INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LUTAN	T - S	ULPH	UR DI	OXIDE								UNITS	- 0.	01 PA	RTS/N	ILLIO	N						
	ST	ATION	- wc	NO	22071		EXPER	IMENT	AL FA	RM SI	мсоЕ					MOM	ITH -	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 2 1 3 2 3 2 2 2 2 5	1 2 1 3 2 2 3 2 2 3 2 5	1 2 1 3 2 2 3 2 2 5	1313223226	232222222	23233234	222224234	2 2 2 2 2 3 2 3 4	2 2 2 3 2 2 2 3 4	2 2 2 2 2 2 2 3 4	2223332335	4 3 1 4 3 4 2 3 4 4	3	3 4	4 1 1 4 3 3 2 3 4 3	3 1 4 2 3 2 3 4 3	3 1 4 2 3 2 3 3 3	3 1 5 2 3 2 3 3 3	2 1 5 2 3 2 4 3 3	3 1 1 5 2 3 1 3 3 3	3 1 2 4 2 3 1 4 3 3	3 1 2 3 2 3 1 3 5 4	2 1 2 4 2 2 2 3 6 4	2 2 2 3 2 2 2 3 7 4	2 2 1 3 2 3 3 3 4
11 12 13 14 15 16 17 18 19	2 4 2 2 2 3	2 3 2 3 3 3 3 3 3	2 2 3 *** * 3 2 4 3	2 2 2 3 2 4 3	2 2 4 4 3 2 4 3	3 2 3 **** 3 2 4 3	3 3 4 **** 3 4 4	3 3 4 **** 3 2 4	3 3 4 **** 3 2 4 3	3 4 3 4 **** 3 5 2	3 4 3 3 **** 4 3 5 2	3 3 3 - 2 4 2 5 2	3 2 **** DATA 2 2 2 4	3 2 * * * * * 1 NVAL 3 2 2 4	3 3 2 **** ID - 2 2 2 4 3	3 3 2 **** 2 2 2 3 3 3	3 3 2 **** 2 2 2 2 3	3 3 2 **** 2 2 2 3 3	3 4 2 **** 3 2 2 4 3	4 3 2 **** 3 3 2 3 3 3	4 3 3 **** 3 3 2 3 4	4 3 3 **** 3 3 2 3 4	4 3 3 **** 4 3 2 3 3	5 3 **** 4 3 3 3 3	3 3 2 ****** 3 2 4 3
21 22 23 24 25 26 27 28 29 30	3 2 3 2 4	3 2 2 2 4	3 2 2 2 4	3 3 2 2 4	34233	4 3 2 3 3	3 2 2 3 3	3 2 2 3 3	3 2 3 3	3 3 3 3	**** 4 3 3		2 2 3 DATA DATA DATA DATA	3 2 3	ID - ID - ID -	2 3 2 3	2 3 2 4	2 3 2 3 ****	2 3 2 3 ****	2 4 2 5 ****	2 4 2 6 ****	3 4 2 7 ****	3 3 3 3	3 3 7 ****	3 3 2 4
31 Mean	2	2	2	3	3	3	3	3	3	3	3	- D		NAVAIL 3	ABLE.	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 72.6 PERCENTAGE OF DATA INVALID - 19.2 PERCENTAGE OF DATA UNAVAILABLE - 8.2

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

			CONTRACTOR OF THE PROPERTY OF	
STATION -	WC NO 22071 EXPERIMENTAL	FARM SIMCOE		8
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.0	4	7
FEB	29	0.7	3	5
MAR	11	0.9	3	4
APR	28	1.0	2	4:
MAY	29	0.7	3	4
JUN	26	0.7	1	2
JUL	29	0.9	2	6
AUG	31	1.5	3	5
SEP	30	1.0	3	4
oct	27	1.7	4	14
NOV	26	2.1	3	6
DEC	21	2.8	4	7
YEAR	318	1.2	4	14

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION .	WC	NO	220	71		EXP	ERI	NEN.	TAL	FAR	M S	IMCO	E					
MONTH	00	то	04	05	то	10	11	то	14	15	то	25	26	TO	39	40	&OVER	TOTAL
JAN			714			23			0			0			٥		0	73
FEB			684			8			0			0			٥		0	69
MAR			306			0			0			0			٥		C	30
APR			692			0			0			0			0		c	69
MAY			709			0			0			٥			0		C	70
JUN			626			0			0			0			0		C	62
JUL			697			9			0			0			0		C	70
AUG			724			9			0			0			٥		(73
SEP			716			0			0			0			0		(71
ост			635			16			,			0			0		(65
NOV			632			5			0			0			٥		(63
DEC			519			21			0			0			0		(54
YEAR		,	7654			91			1			0			0			774

FREQUENCY	DISTRIBUT	ION BY	PERCENTILES									
32-	PERCENT OF DATA				FREQUENCY		TRATIONS					ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	99.2	0	0.0	0.0	0.6	1.2	2.4	2.9	3.7	4.2	14	1.2

	STA	TION	WC	NO 2	6029	Ţ	RAILER	EDN	A/FRI	EDERI	ск ѕт	KITCH	ENER	!		MON.	тн - :	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	. 00000	. 00000	00000	0 0 0 0	0 0 0 0 0	1 0 0 0	1 0 0 0 0	1 0 0 0 0 0	00000	0 0 0 1 1	**** O O O 1 1		L UNA		BLE -		1 0 0 0 0 0 1	1 0 0 0	1 0 0 0 0 0	1 0 0 0 0 0	1 0 0 0	1 0 0 0 0 1	1 0 0 0 0 0	1 0 0 0 0 0	****** 0 0 0
11 12 13 14 15 16 17 18 19	0 2 1 1 1 1 3 3 3	0 2 1 1 1 3 3 1 0	0 2 1 1 1 3 3 1	0 2 1 1 1 2 3 3 1 0	0 2 1 1 1 2 3 3 1	1 2 1 1 3 3 3 1 1	1 2 1 1 2 3 3 3 1 1	2 3 1 1 2 2 3 3 1 1	1 3 1 2 2 2 3 3 1 0	1 3 2 2 2 2 3 3	0 3 2 2 2 2 3 1 1	1 3 3 2 2 2 4 0 0	1 0 1 1 1 2 2 0 0 1	2 1 1 1 1 2 2 0 0 1	2 1 1 1 2 2 0 0 1	2 1 1 1 1 2 2 0 1 1	2 1 1 1 2 2 0 1 1	2 1 1 2 2 3 1 1 1	3 1 1 1 2 2 2 1 1	3 1 1 2 2 2 1 1 1	3 1 2 1 2 2 2 1 2 2	3 1 2 2 2 2 2 1 2 2	2 1 2 2 2 2 1 1 1	3 1 2 2 2 2 1 1 1	1 2 1 1 2 2 3 2 1 1
21 22 23 24 25 26 27 28 29 30	2 2 1 0 1 1 2 1 2 1	1 0 1 1 1 2 1	1 1 0 0 1 1 1 2 1	1 2 1 0 0 1 1 1 1 1 1	2 2 1 0 0 1 1 1 1 1	1 2 2 1 0 2 1 1 1 1	1 2 1 1 2 1 1 2 2	1 4 1 1 2 2 2 1 1 2	2 4 1 0 2 2 2 1 1 2	2 4 0 0 2 3 2 1 1 2	2 3 0 0 1 2 2 1 1 1	2 2 0 0 1 2 2 1 1 1 1	1 1 0 1 1 2 2 1 1 1 1	1 1 0 1 1 2 2 1 1	2 1 0 1 1 2 1 1 1 1	1 0 1 1 4 1 1 1	1 1 0 1 1 4 2 1 1 1	1 1 0 1 1 4 2 1 1 1	1 1 0 2 1 1 1 1 1 1	1 1 0 2 1 3 1 1 1 1 1	1 1 0 2 1 3 1 1 1	2 1 0 2 2 3 1 1 1 2	1 1 0 1 1 3 1 1 1	2 1 0 1 2 3 1 1 1 2	1 2 0 1 1 2 1 1 1
31 MEAN	1	1	1	1	1	1	2 1	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	1	1.1

PERCENTAGE OF DATA VALID - 85.3 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 14.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- * INDICATES DATA IS UNAVAILABLE

3. "****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- 5	ULPHU	R DIO	XIDE							ι	INITS	- 0.0	D1 PAF	RTS/MI	LLION	4						
	STA	TION -	WC	NO 2	6029	T	RAILER	EDN	A/FRE	DERIC	K ST	KITO	HENEF	₹		MONT	rH - s	EP	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 1 0 1 0 0 0 1 2 1	0 1 1 0 0 0 1 2 0	0 1 0 1 0 0 0 0	0 0 0 0 0 1 1 0	0 0 0 0 0 0 1 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 1 0 0 0 0 2 3	0 1 1 1 0 0 1 1 3	0 0 1 1 0 1 2 1 3	0 0 0 1 1 2 1 2 3 1	0 0 0 1 1 1 1 2 2 1	0 0 1 0 0 1 1 3 1	0 0 0 0 1 1 2 0	0 0 2 0 0 0 1 1 2 1	0 0 1 0 0 0 1 1 1	0 0 2 0 0 0 1 2 1	0020001121	0 0 2 0 0 0 2 1 2 1	0 0 2 0 0 1 1 1 1 1	0 1 2 0 0 0 0 1 1 1	0 1 2 0 0 0 0 2 1 1	1 1 2 0 0 0 0 3 1	1 1 20 00 0 20 1	1 0 1 0 0 0 1 2 0 1	0 0 1 0 0 0 1 1 1 2
11 12 13 14 15 16 17 18 19	0 2 1 2 2 0 1 0 0	0 1 1 1 2 0 0 0 1	0 1 1 1 2 0 0 0 1 1	O 1 1 1 O 1 O 1 1	O 1 1 1 1 O O 1 1 1	1 1 2 1 1 2 0 0 1 1	1 1 3 1 2 2 2 1 1 1	1 1 3 2 1 2 0 1 1	1 2 3 **** 1 3 0 1 1	1 1 2 1 0 3 0 1 1	1 1 2 1 1 3 *	1 1 2 1 1 **** *	1 1 2 1 1 1 0 0 0 0 0	0 1 1 1 0 0 0 0	0 1 2 1 1 1 1 1 0 0	1 1 1 1 2 1 1 0 1	1 1 1 1 1 0 1	1 1 2 1 4 1 2 1	1 1 2 2 1 4 1 2 1 1	1 2 1 2 1 3 1 2 1 1	1 1 2 1 4 1 1 1 1 1	1 1 2 1 1 1 1 1	1 1 1 2 1 0 1 0	1 1 1 2 0 0 0 0	1 1 2 1 1 2 1 1
21 22 23 24 25 26 27 28 29	0 1 1 0 0 0 0 2 0 1	0 1 1 0 0 0 0 0 3 1 0	0 1 1 0 0 0 0 0 3 1 0	1 1 0 1 0 0 2 1	1 1 1 0 0 1 0 0	1 1 2 1 0 1 1 1 1 1	1 1 2 1 0 1 1 1	2 1 1 2 2 1 1 1 2	2 1 2 0 2 1 1 0 1 2	1 1 0 1 1 1 0	O 1 1 0 1 1 1 0 1	0 1 0 0 1 1 0 0 0	0 1 0 0 1 1 1 0 0 0	0 1 0 0 0 1 1 0 0 0	1 0 0 0 1 1 0 1 1	1 0 0 0 1 1 1 1	1000011	1 0 0 0 1 1 1 1 1 1	1 1 0 1 1 1 2 1 2	1 0 3 0 1 1 0 3	0 1 0 2 0 1 0 0 2	0 1 0 1 0 1 0 0 0	0 1 0 1 1 0 1 1	1 0 0 0 0 1 0	1 1 1 1 1 1 1 1 1 1 1 1
MEAN	1	1	1.	1	1	1	1	1	1	1	1	1	3	0	1	1	1	1	1	1	1	4	1	1	0.8

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	WC	NO	26029	-	TRAILER	EDN	A/FRI	EDERIC	K ST	KITO	HENER			MON	TH - (CT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1	1	0	0	1	1	1	1	1	1	3	2	1	1	1	1	1	2	1	2	2	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	- 1		- 1	1	2	2	1	1		1
3	2	1	1	1	1	1	1	1	1	1	1	1	4	1	2	3	2	2	2 2	2	2	2	2	2	1
4	1	2	1	1	1	1	1	3	2	2	2	3	2	2	2	3	•	1	1	- 2	2	1		-	
5	2	2	2	2	1	2	2	1	1	1	2	-	2	2	- 1	- 1			1	1	1	- 1	- 1	- 1	
7	1	!	1	0	ò	1		2	2	2	-	2	7	i	3	- 4	- 1		1	1		2		- 4	
,	1	1	0	٠	ő	1	1	1	1	1			1	- 1		4	•	4	1				÷	,	÷
9			0	ò	ő	ò	ò	'n	1	1		4	ò	ò	- 1	4	•	ò		ò		ż	- 1	2	i
9 10	- 1	1	1	1	1	•	ĭ	ŏ		ċ	ò	ò	ŏ	ŏ	ò	ò	1	1	0	ĭ	i	î	i	1	i
10	,				7.			U	36	٠		•	•	•		•			•		383				*
11	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	2	1	2	2	1
12	3	2	2	2	1	3	4	3 •	***	2	1	1	1	3	2	1	2	3	3	4	2	2	2	1	2
13	1	1	1	1	1	2	1	1	1	0	0	0	1	1	0	٥	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0
15	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1
16	1	1	0	0	0	0	1	2	2	1	0	0	0	0	0	0	1	0	0	1	٥	0	1	1	1
15 16 17 18	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1
18	1	1	-1	2	2	1	1	1	1	1	1	1	٥	0	0	0	0	1	0	0	٥	0	1	1	1
19	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1.	1
20	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	,	1	1	2
21	0	1	1	1	1	1	3	2	1	1	1	1	11	1	1	1	1	1	1	1	1	1	1	1	1
22 23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1
23	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	2	3	3	2	1	1	1
24 25 26 27	1	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	1	1
26	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
27	- 1	1		2	2	1	1	1		0	0	0	0	0	1	1	1	1	1	1	2	1	0	1	1
28	0	0	0	0	0	0	1	1	٥	0	0	0	٥	0	0	1	1	٥	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	1	- 1	1	- 1	3	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	1	0	1	1	1	1	1	1	1	1	.1	3	1	1	1	1	1	0	O	O	1
31	0	0	2	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	Ť	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. " " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION TRAILER EDNA/FREDERICK ST KITCHENER MONTH - NOV STATION - WC NO 26029 14 7 9 10 11 12 13 15 16 17 18 19 20 21 22 23 24 MEAN HOUR 3 5 6 8 DAY 0 10 11 12 13 14 15 16 17 18 19 20 00 00003 000000000 00001 0 0 0 21 22 23 24 25 26 27 28 29 0 0 0 0 0 0 0 2 1 30 MEAN

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 2.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- * * INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		STA	TION -	WC	NO 2	26029		TRAILER	EDN	A/FRE	DERIC	K ST	KITO	HENER			MONT	rH - E	EC	76						
	HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
	1 2 3 4 5 6 7 8 9	1 2 1 2 2 1 2 2 3 3	1 2 1 1 2 1 2 2 2 4	1 2 1 1 2 1 3 3 2 5	1 2 1 2 3 2 3 3 2 4	1 2 2 2 2 1 4 2 3 3	1 2 2 2 1 3 2 3 4	1 1 2 2 2 2 2 3 3 2	2 1 2 2 2 1 4 4 2	2 2 3 2 2 3 1 4 4 2	2 **** 1 2 2 3 2 5 3 2	2 2 1 2 3 3 2 6 3 1	2 1 1 3 2 3 2 4 3 1	2 0 1 3 2 2 1 3 2 1	2 0 1 3 2 2 1 2 3 1	2 0 1 4 3 2 1 2 3 1	2 0 1 4 3 2 2 2 4 2	2 1 1 3 3 3 1 2 4 2	2 1 1 3 3 4 1 3 5 2	2 1 1 3 3 1 3 5 2	3 1 2 3 4 1 3 4 2	3 1 3 3 4 2 3 4 2	3 2 1 2 4 3 3 2 3 1	2 2 2 2 3 5 3 2 2 3 1	2 1 2 2 4 2 2 3 3 1	2 1 1 2 3 2 2 2 3 3 2 2
,	11 12 13 14 15 16 17 18 19	1 2 0 1 0 2 1 0 0 0	1 2 0 2 0 2 1 0 0 0	1 2 0 2 0 2 1 0 0 0	1 2 0 1 0 3 0 0 1 0	1 2 0 1 0 4 0 0	1200040000	1 2 0 1 0 3 0 0 0 0	1 2 0 1 0 4 1 0 0 0	1 3 0 1 0 5 1 0 0	1 3 0 1 0 5 1 *	1 3 0 1 0 * 5 ***	1 2 0 1 1 0 1 0	1 2 0 0 0 5 0 0	1 2 0 0 0 1 0 0 1 0	1 2 0 0 0 0 0 0 0 0 0 0	1 2 1 0 4 4 0 0 1 0	2 3 1 0 3 4 0 0 0 0	2 1 0 0 3 4 0 0 1 0	2 1 0 3 4 0 0 2	2 1 1 0 4 3 0 0 1	3 0 1 0 3 3 0 0 1 1	3 0 1 0 3 2 0 0 1 1	3020220010	4 0 2 0 2 2 0 0 0 0	2 2 0 1 1 4 0 0 1 0
	21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	1 0 0 0 0 2 0 0 1 1 0 0	0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 1 1	000000000000000000000000000000000000000	000000031	0 0 0 0 0 0 0 2 1	000000022	000000024	0 0 0 0 0 1 0 1 1	0 0 0 0 0 0 0 1 0	0 0 0 0 1 0 0 0 1	0 0 0 1 0 0 1 1 1	0 0 0 1 0 0 1 1 1	0 0 0 1 0 0 2 1	0 0 0 1 0 2 1 1 1	0 0 0 0 1 0 0 2 1 1	0 0 0 0 1 0 0 2 1 1	0 0 0 0 1 0 0 2 1 2	0 0 0 0 1 0 0 2 1 3	0 0 0 0 0 0 2 1 1	0 0 0 1 0 0 1 1 1	0 0 0 1 0 0 1 1 1 1	0 0 0 1 0 0 0	0 0 0 1 0 0 1 1 1
	31 MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - WC	NO 26029 TRAILER E	DNA/FREDERICK ST KITCHENER		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAL	LABLE	
FEB		DATA UNAVALI	LABLE	
MAR		DATA UNAVALI	LABLE	
APR		DATA UNAVALI	LABLE	
MAY		DATA UNAVAII	LABLE	
JUN		DATA UNAVAI	LABLE	
JUL		DATA UNAVAI	LABLE	
AUG	26	1.1	3	4
SEP	30	0.8	2	4
OCT	31	0.9	2	4
NOV	30	0.8	3	6
DEC	31	1.2	4	6
YEAR	148	1.0	4	6

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

DEC YEAR

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	00 TO	04	05	TO	10	11	TO	14	15	то	25	26	10	39	40	&OVER	TOTAL	
JAN			DAT	A UI	NAVA	IL	BLE											
FEB			DAT	A U	NAVA	IL	BLE	i										
MAR			DAT	A U	NAVA	IL	ABL											
APR			DAT	A U	NAVA	IL	ABLI											
MAY			DAT	A U	NAVA	IL	ABL											
JUN			DAT	A U	NAVA	IL	ABL											
JUL			DAT	A U	NAVA	IL	ABLI											
AUG		635			0			0			0			0		0	63	5
SEP		716			٥			0			0			٥		0	71	6
OCT		743			0			0			0			0		0	74	3
NOV		695			4			0			0			0		0	69	9

727 10 0 0 0 0 737 3516 14 0 0 0 0 3530

FREQUENCY	DISTRIBUTI	ON BY	PERCENTILES			CONCEN	TRATIONS					
	OF DATA	MIN	10	30	FREQUENCY 50	DISTR 70	IBUTION.	PERCENT 95	98	99	MAX	ARITH MEAN
	96.1	0	0.0	0.0	0.4	0.8	1.8	2.4	3.0	3.6	6	1.0

MONTH - JAN 76

POLLUTANT - SULPHUR DIOXIDE

STATION - WC NO 27013

8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 24 MEAN HOUR DAY 0 **** 3 5 24 25 27

2 2

PERCENTAGE OF DATA VALID - 97.7

MEAN

PERCENTAGE OF DATA INVALID - 1.7

2 2

PS VICTORIA/LEADER NIAGRA FLS

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	CATION - WC NO 27013 PS VICTORIA/LEADER NIAGRA FLS														01 PA	RTS/MI	[[[0	N						
	STAT	ION -	WC	NO 27	013	PS	VIC.	TORIA/	LEAD	ER N	IAGRA	FLS				MON	тн - я	FEB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	2 1 0 5 1 1 2 2 2 4	1 1 0 3 0 1 2 2 2 4	1 1 0 3 0 1 2 2 2 5	1 1 0 4 0 1 2 2 4	2 1 1 3 2 2 2 2 4	210313224	2 1 0 3 1 1 2 2 2 4	2 1 0 2 1 1 2 2 1 3	2 1 2 2 1 2 2 *	3 1 2 2 2 2 2 2 2 2 3	4 1 3 1 2 2 2 2 2 2 3 **** 3	3 1 4 **** 2 1 2 2 2 1 4	3 1 4 2 1 2 2 2 1 3	3 5 3 2 1 1 2 2 1 4	1 3 2 1 1 2 2 1 4	1 3 2 1 2 2 2 2 1 3	1 0 4 2 1 2 2 2 1 2	1 4 2 1 2 2 2 1 3	1 **** 4 1 1 2 2 2 2 1 3	1 0 4 1 1 2 2 2 1 2	1 0 4 1 - 2 2 2 2 2 2 2	1 0 3 1 2 2 2 1 2	1 0 3 1 1 2 2 2 1 2	1 0 4 1 1 2 2 2 2 3	2 1 2 2 2 2 3
11 12 13 14 15 16 17 18 19	1 ** 2 3 2 4 2 1 2 2 2 2	1 3 2 6 2 1 1 2 3	2 1 3 2 6 2 1 1 2 3	2 1 3 2 8 2 1 1 2 3	1 1 3 2 5 2 0 1 2 3	1 1 2 2 4 2 1 1 2 2	1 1 2 2 3 2 1 1 2 4	1 1 2 1 3 1 1 1 2 2	1 1 2 2 3 1 1 1 2	1 2 2 2 3 2 1 1 2 2	2 0 0 2 2 2 2 1 2 1	2 0 2 2 1 2 1 2 2	222212122	1 3 2 2 2 2 2 1 2	1 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	032222112	1 3 2 2 2 2 2 2 1 1	1 4 2 2 2 1 1 1 1 2	2 4 2 2 2 1 0 1	2 4 2 1 2 1 1 2 1	1 3 2 1 2 1 1 ****	2 3 2 1 2 1	2 3 2 1 2 1 2 2 2 2 2	2 3 2 2 2 1 1 2 2 2	1 2 2 2 3 2 1 1 2 2
21 22 23 24 25 26 27 28 29	2 3 *** 2 1	2 2 2 1 1 1 2 2 2	2 1 3 1 1 1 1 2 3	3 1 3 1 2 2 1 1 4	3 1 3 1 1 1 3	3 1 1 1 1 2 3	323211123	4 2 3 2 0 1 1 2 2	3 3 2 1 1 1 1 1	3 5 2 1 2 1 1 2	3 1 2 2 3 1 1 1 2	1 3 0 2 2 3 1 2 2	2 3 1 2 3 2 1 2 2	2 3 1 1 3 2 2 2 2	2 1 2 3 2 2 2 2	1 2 4 3 1 2 2	2 3 1 2 - 2 1 2 2	2 3 1 2 2 2 1 2 2	2 3 1 2 1 2 1 2 2	331221212	3 2 2 2 1 4 1 2	2 3 2 0 0 2 1 2	3 2 0 **** 2 1 1	2 3 1 1 **** 1 2 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 96.1

PERCENTAGE OF DATA INVALID . 3.0

PERCENTAGE OF DATA UNAVAILABLE - 0.9

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTH - MAR PS VICTORIA/LEADER NIAGRA FLS STATION - WC NO 27013 24 MEAN HOUR DAY o 1 0 1 Ō 0 2 ō ō 12 ō 0 2 17 18 19 20 1 2 22 23 24 25 26 27 28 0 3 3 2 0 2 0 2 ò O 1.1

PERCENTAGE OF DATA VALID - 95.2

MEAN

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE -

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

.. INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - APR PS VICTORIA/LEADER NIAGRA FLS NO 27013 STATION - WC 24 MEAN HOUR DAY C 2 2 1 o 7 8 13 14 15 17 18 22 2 2 24 25 26 27 28 1.3 MEAN

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.0

PERCENTAGE OF DATA UNAVAILABLE .

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

.. INDICATES DATA IS UNAVAILABLE 2.

3. " " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

														**************************************	100	70 0 th									
	STA	TION	- WC	NO 2	27013	P	s VIC	TORIA	/LEAD	ER NI	AGRA	FLS				MON	тн	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	8 1 1 2 0 2 3 0	4 1 1 0 1 0 2 2 2 2 2	2 1 1 0 2 0 2 1 2	2 1 1 1 2 0 2 2 2 2 2	2 1 1 0 1 0 2 2 2 2 2	1 1 0 1 0 1 2 1 2	2 1 1 1 0 1 2 1 2	1 1 0 2 0 1 2 2 2	2 1 1 0 2 0 1 2 2 2	2 2 1 0 2 0 1 2 2 3	3 2 1 0 1 4 1 2 2 3	3 2 1 0 0 18 1 2 3	3 1 1 0 0 1 1 2 2 3	3 1 1 0 0 1 0 2 2 2	3 1 3 0 1 1 2 2 2	2 2 1 1 0 1 1 2 2 3	2 2 1 1 0 0	2 2 1 2 0 1 1 2 3 4	2 2 1 2 0 1 1 2 2 3	2 2 - 1 0 1 1 2 2 3	1 2 0 2 0 1 0 1 2 2	1 1 2 0 1 1 1 0 2	1 1 1 2 0 1 0 1 0 2	1 1 0 2 0 1 2 0 1 4	2 1 1 1 1 1 2 2 2
11 12 13 14 15 16 17 18 19	2 0 4 0 2 ****	2 1 1 4 0 2 1 1 1 2	3 1 1 2 0 2 1 1	3 1 2 0 2 1 1 1	3 1 1 2 0 3 1 1 1	2 1 2 1 2 2 1 1 1	1 1 2 2 1 1 1 1 1	1 1 2 2 1 2 1 1	1 1 2 1 1 1 2 0	1 1 2 1 2 1 1 1 1 2	3 2 1 1 2 1 1 2 1	2 1 0 2 1 1 1 1	2 1 2 1 2 1 2 2	2 2 1 2 1 2 2 1 2	2 1 2 2 2 1 0 2	2 2 2 2 2 1 1	2 2 1 2 1 1 1	1 2 3 1 2 1 2 1 1	1 2 2 0 2 1 2 2	1 2 2 0 2 1 2 2 2 0	2 1 3 0 2 1 1 1 2 0	2 0 1 1 2 1 1 2 0	2 1 2 0 3 1 1 1 2 0	2 0 7 0 2 1 1 1 2 0	2 1 2 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 0 0 2 2 2	2 2 2 1 1 0 0 2 2	3 1 2 2 1 0 0 0 2 2	2 1 2 1 0 0 0 2 2	1 2 1 1 1 0 0 0 2 2	1 1 1 1 0 0 1 2 2	1 2 2 1 1 0 0 1 2 2	1 2 2 1 1 0 0 2 2 3	1 2 2 1 1 0 0 4 2 2	1 3 2 1 1 0 0 2 2 2	1 3 2 1 1 0 1 1 2 1	0 2 2 2 0 0 1 1 2 1	1 3 2 2 2 0 1 0 2 1	2 4 2 2 1 1 1 2 2 1	3 3 2 2 1 0 1 2 3 2	3 2 2 1 1 1 2 2 1	3 2 2 2 1 1 1 2 2 2 2	2 2 2 1 1 3 2 2	2 3 2 2 1 1 0 2 2 2	2 3 1 1 1 1 2 2 1	2 2 1 1 1 1 0 1 3 1	2 2 1 1 1 1 0 0 0 1 1 1	2 2 1 1 1 0 0 1 0 1	2 2 1 1 1 0 0 ***** 2 1 0	2 2 2 1 1 0 0 1 2 2
31 Mean	0	0	0	0	0	0	0	0	1	1	2	1	0	0 2	1	1	1 2	1	1	1	0	0	0	1	0

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LLUTANI	r - s	ULPHU	R DIO	XIDE							,	UNITS	- 0.0	DI PAF	RTS/MI	LLION	N						
	ST/	ATION -	wc	NO 2	7013	,	s VIC	CTORI.	A/LEAD	DER N	IAGRA	FLS				MONT	r H - J	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	0 1 0 0 1 0 1 0	0 1 0 0 0 0 1 1 1 1 1	1 1 0 1 0 0 1 1 1	0 1 0 1 0 0 1 1 1	0 1 0 0 0 0 1 1 1 1	0 1 0 0 0 2 1 1 1 1	0 1 1 1 1 1 0 0	0 1 2 2 2 1 2 0 1 0	1 1 2 2 3 1 ****	1 2 4 3 1 2 1 1	1 1 2 4 1 1 1 1	1 1 2 3 1 1 1 1 2 2	1 1 3 3 1 1 1 1 2 2	1 1 2 2 1 2 1 0 2	1 1 2 1 1 1 1 1 1	2 2 1 1 2 1 1 2 2	2 1 2 1 1 2 1 1 2	2 1 1 2 1 1 2 2	1 2 2 1 1 1 1 2 2	1 2 1 1 1 1 1 2 2	1 0 1 0 1 1 1 1 2	1 0 1 0 1 0 1 2	1 0 0 1 0 0 1 1	1 0 0 1 0 1 1 1	1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19	1 0 1 1 1 0 0 1 0	1 0 2 1 1 1 1 0 1	1 1 3 1 1 1 0 0	1 1 3 1 1 1 0 0	1 1 1 1 1 0 0 1 0	1 1 1 1 0 0 1 0	1 1 1 1 1 0 2 1 0	1 1 1 1 0 0 3 1	1 1 1 1 0 0 2 1	0 1 1 0 1 0 2 1	1 1 1 1 0 0 1 1	1 1 2 1 1 0 0 2 1 1	1 1 2 1 1 0 1 1 1	1 2 1 1 1 0 2 1	1 2 1 1 0 0 2 1 1	1 2 1 2 0 0 2 1 1	1 2 2 1 0 1 3 1 1	1 1 2 2 1 0 1 3 1 1	1 1 2 2 2 0 1 2 1 1	1 1 2 1 0 1 2 1 0	1 1 2 1 1 0 1 2	1 1 1 1 0 1 1 0 0	1 1 1 1 0 0 0 0 1 0	0 1 1 1 0 0 1 1 0	1 1 2 1 1 0 0 1 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 1 0 0 2 **** 7 ****		1 0 1 0 0 2 ****	1 0 1 1 0 2 4 1 0 1	1 0 1 0 0 2 6 4 *	1 0 1 1 0 2 7 7 1 ***	1 0 1 1 0 1 21 ****	1 0 0 1 0 1 2 ****	1 0 1 1 5 5 ****	1 0 1 1 - 1 6 ****	1 1 1 4 1 5 ****	1 1 **** 0 6 1 6 ****	1 1 2 0 4 1 6	1 2 0 7 1 6 10 2 0	1 1 2 0 3 0 6 0	1 2 2 0 3 1 6 1 1	1 2 2 0 3 0 7 0 1	1 2 1 0 2 1 7 1	1 2 3 1 3 0 7 1 1	1 1 1 1 2 0 8 0 1	1 1 0 2 0 7 0 1	1 1 0 0 2 0 - 0 1 0	1 0 0 2 0 7 0	0 1 0 0 2 0 7	1 1 0 2 1 7 7
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1.	1.2

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

POLITITANT	- SIII PHIIP	DIOXIDE

	STA	TION	- WC	NO	27013	PS	VIC	TORIA	A/LEAD	ER NI	AGRA	FLS				MONT	гн - ,	JUL	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1 1 0 0 0 1 1 0 0 0	0 1 0 0 0 1 1 1 0 1	0 0 0 0 1 1 0 0 1	1 0 0 0 1 1 0 0 1	1 0 0 0 1 1 0 0 0 0	0 0 0 0 1 1 0 0 0	1 0 0 1 1 0 0 0	1 0 0 0 0 1 0 0 0 1	00000100	1 0 0 0 0 1 1 0 0 0	0 0 0 0 1 1 0 0 1	0 0 0 1 1 0 13 1	0 0 0 0 1 1 1 0 1	0 0 0 0 1 1 1 0 1	0 0 0 1 1 1 1 0 1	0 0 0 0 1 0 1 0 1	0 0 0 0 1 1 1 0 1	0 0 0 1 2 0 1	0000121011	0 0 0 0 1 2 1 0 1 1	0 0 0 0 1 1 1 0 1 1	0 0 0 0 1 1 0 0 0 1	0 0 0 0 1 1 0 0 0 1	0 0 0 1 1 1 1 0 1	0 0 0 1 1 0 1 1
11 12 13 14 15 16 17 18 19	1 0 0 0 1 2 1 1 1 2	1 0 0 0 0 2 0 1 1 1	1 0 1 0 0 2 0 1 1	1 0 1 0 0 2 0 1 1 1 1	1 0 2 0 0 2 0 0 1	1 0 0 0 2 0 0 1 1	1 0 1 0 0 2 0 0 1 1	0 0 0 0 1 2	0 0 0 0 1 1 0 1 2	0 0 1 0 - 1 1 1 1 2	0 0 1 0 . 1 1 1 1 2	0 0 2 1 1 1 2	10000	1 0 0 0 1 1 1 0	1 0 0 0 1 1 1 1 2 1	1000211120	100021	1 0 0 1 2 1 1 2 2 1	1 0 0 1 2 1 1 2 1	1 0 0 1 2 1 1 2 3 1	1 0 0 1 2 1 1 1 2 1	0 0 0 2 2 1 1 1 2 1	0 0 0 1 2 1 1 1 2 1	0 0 0 0 2 1 1 1 2 0	1 0 0 0 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 1 2 1 1 2 2 0 0 1	0 0 1 2 1 1 2 3 0 0 0	0 0 1 2 1 1 . 3 0 0	0 0 1 1 1 1 2 0 1	0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0	0 0 1 1 0 0 0 0 0	0 0 1 0 0 0	0 0 1 2 2 1 0 0	6 0 . 1 1 1 0 1 0 0	1 1 2 1 1 0 0 0	1 0 1 1 1 2 2 . 0 0 0	1 1 0 2 2 1 0 0	1 1 1 1 3 2 1 0 0	1 1 1 1 2 2 1 0 2 42	1 1 1 2 2 1 1 1 1	1 1 1 2 2 1 1 1 1	1 2 1 1 1 3 2 7	1 1 1 1 2 2 1 0 1 1 3	1 1 2 1 1 2 2 1 0 1 2	1 1 2 1 1 2 2 1 0 1	1 1 2 1 1 2 2 1 0 1	0 2 2 1 1 2 2 1 0 1	0321122011	1 1 1 1 2 2 2 2 0 1 3

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE . 2.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

" - " INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTH - AUG PS VICTORIA/LEADER NIAGRA FLS STATION - WC NO 27013 13 14 16 17 18 19 20 21 22 23 24 MEAN В 10 11 12 15 HOUR 5 9 DAY 1 2 3 4 5 6 7 8 9 .0 0 0 0 11 12 13 14 15 16 17 18 19 20 2 1 0 0 1 100000 0 0 O 0 21 22 23 24 25 26 27 28 29 30 1 0 2 31 0 1 0 0 1.0

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID . 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- -- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- WC	NO 2	27013	P	S VI	CTORIA	/LEAD	DER NI	AGRA	FLS				MON	H - 5	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	20220001	2 0 1 2 0 0 0 1 1 1 1	2 0 0 2 0 0 1 1 1	1 0 0 1 1 0 0 1 1 2	1 0 0 1 1 0 0 1 1 2	1 0 0 0 1 1 1	1 0 0 1 0 0 0 1 2	1 0 0 1 0 0 0 1 2	1 0 0 1 0 0 1 1 1 0 0 1	0 0 1 1 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 2 1 0 0 2 2 1 1	0 0 1 1 0 0 2 1 1 2	0 0 1 1 0 0 2 1 1 2	0 0 1 1 3 0 2 1 1 2	0 2 2 1 0 0 3 1 2 1	0 1 2 2 1 0 2 3 2 1	0 0 1 2 0 0 2 3 2 2	0 0 1 2 0 0 2 3 2 2	0 0 1 2 0 1 2 - 2 2	0 1 1 2 0 0 4 0 2 2	0 0 1 3 0 0 2 1 1 2	0 1 2 2 0 0 2 1 2 1	0 1 4 1 0 0 2 1 1	0 1 2 0 0 0 1 1 1	1 0 1 1 0 0 1 1 1 1 1
11 12 13 14 15 16 17 18 19	1 1 2 1 1 0 0	1 1 2 1 0 0 0 0 0	1 1 2 1 1 0 0 0 0	1 1 2 1 1 0 0	1 1 2 1 0 0 0 0 0 0	1 1 3 0 1 0 0 0 0	2 1 1 2 1 0 0 0	1 1 2 0 1 0 0 0 0	1 1 1 2 1 1 0 0	1 1 1 1 3 0 0 0 0	1 1 1 1 1 0 0 0 1	2 1 0 1 0 0 0 1	2 1 3 2 1 1 0 0 0 1	2 2 3 2 1 0 0 0 1	2 2 3 2 1 1 0 0 0 1	1 2 4 2 1 0 0 0 0 1	1 1 4 2 1 1 0 0 0 1	1 2 4 3 1 1 0 0 0 1	1 2 4 4 1 1 0 0 0 1	1 1 3 2 1 0 0 0 1	0 1 2 1 1 0 0 0 0 1	1 2 3 1 1 0 0 0 1	1 1 3 1 1 0 0 0 0 1	1 1 3 1 1 0 0 0 0 1	1 1 2 2 1 1 0 0
21 22 23 24 25 26 27 28 29	1 * 0 0 0 0 0 0 0 0 0 0	***	1 0 0 0 0 0 0 0	1 1 0 0 0 1 0 0 0 1	1 1 0 0 0 1 0 0 0 0	1 1 0 1 0 2 - 0 0 0	1 1 0 0 0 3 - 0 0 0	1 0 1 0 2 0 0 0 0	1 1 1 2 0 1 0 0	1 1 0 0 0 1 0 0 1 0	1 1 0 1 0 0 0 0 0	2 1 0 0 1 0 0 0 0 0	1 1 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0	1 0 0 0 1 0 0 0 1 3	1 0 0 0 1 0 0 1 0	2000100010	0 1 0 0 0 0 0	0 0 1 1 0 0 0 0	00000000	1 0 0 0 0 0 0 1 0	1 0 1 0 0 0 0 0 0	1 0 4 0 0 0 0 0 0 1	1 0 1 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0
MEAN	1	1	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Ť	0.7

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. " · " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	r - s	ULPHU	R DIO	XIDE							3	UNITS	- 0.0	1 PAR	RTS/MI	LLION	4						
	STA	TION	- wc	NO 2	7013	P	s vic	TORIA	/LEAD	DER NI	AGRA	FLS				MONT	н - с	ст	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 1 1	O O O 1 1 1 O O 1 1 1	0 0 0 1 0 0 0 1 1	0 0 0 0 1 0 0 1 1	0 0 0 0 1 0 0 0 1 2	0 0 0 0 0 0 1 2	0 0 0 1 - 0 0 0 0 2	0 0 1 0 0 1 1	0 0 0 0 1 1 0 1 1	0 0 0 2 - 1 0 0 0 1	000301011	0 0 0 2 1 1 0 1 0 1	0 0 0 1 0 1 0 1	0 0 0 1 1 1 0 1 0 1	0 0 0 1 1 0 1 0 1	0 0 0 1 1 0 1 0 2	0001110113	0 0 1 1 0 0 1 1 1	0 0 0 1 0 0 1	0 0 1 0 0 1 1 1 1	0 0 1 2 3 0 0 1 1 1	0 0 2 2 1 0 0 1 1 1	0 1 1 1 0 0 1 1 2	0 0 1 1 1 0 1 1 1
11 12 13 14 15 16 17 18 19	1 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 0 1 0 - 0 1 0	1 1 2 0 1 0 0 1	1 1 2 0 1 0 - 0 0 0	1 1 2 0 1 0 0 0 1 1	1 1 0 1 0 0 0 0 1	1 1 1 0 * 1 0 0 0 0 0 1	1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 1 0 0 0	1 1 0 1 0 0 0 0 0 3	1 1 1 0 **** 0 0 1	1 1 1 0 1 0 0 1 - 5	1 0 1 0 1 0 1 0 3	2 2 1 0 1 0 0 0 2	2 2 1 0 1 0 0 0 1	2 3 1 0 1 0 0 0 0 1	1 2 1 0 0 0 0 0 1 0	1 5 0 0 0 0 0 1 0	1 3 0 0 0 0 0 0 1 0	2 2 0 0 0 0 1 1 0	3 3 0 0 0 1 1 1 0	4 3 1 1 0 - 1 0	4 4 0 0 0 0 0 0 0 1 1	2 2 1 0 1 0 0 0 1 1
21 22 23 24 25 26 27 28 29	0 1 0 2 0 0 0 1 5	0 0 0 0 0 0 0 3 1	0 0 0 1 0 0 1 1 3 1	0 1 0 2 0 0 0 0 3 1	0 0 0 0 0 0 0 0 3 1	0 1 0 1 0 0 0 0 3 0	0 1 1 0 0 0 0 0 0 3 1	0 0 1 1 0 0 0 1 3	0 1 1 1 0 0 0 0 3	0 0 1 1 0 0 0 1 2 2	0 1 1 1 0 0 0 - 1 1 3	1 0 1 1 0 0 0 1 1 1 3	1 0 0 0 0 1 0 0 2 4	1 0 1 0 0 1 0 1 1 4	1 0 1 0 0 1 0 2 2 4	1 0 0 0 0 0 0 0 2 1 4	0 0 0 0 0 1 1 0 3	1 0 0 0 0 0 2 1 1 5	1 0 0 0 0 - 3 1 2 3	0 0 1 0 0 1 1 5 4	1 0 1 0 0 0 1 1 4 3	1 0 1 0 0 0 4 1 1 3	1 0 1 0 0 2 2 1 2	0 0 1 4 1 3	0 0 1 1 0 0 1 1 2 3
31 MEAN	3	2	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0 0.7
												,,													

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 3.2

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- WC	NO :	27013	P	S VIC	TORIA	/LEAD	ER N	AGRA	FLS				MONT	H - N	10V	76						
HOUR	1.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24	MEAN
1	1	0	0	0	o	0	0	0	0	0	0	1	4	1	0	1	1	1	1	1	٥	0	0	0	1
2	0	0	ō	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1
3	1	1	1	1	0	0	1	1	1	1	2	2	2	1	0	1	1	1	1	0	1	1	2	2	1
4	1	5	5	5	6	5	3	2	3	3	2	0	1	1		1	0	0	0	0	0	0	•	0	2
5	0	0	ō	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0
6	0	1	0	1	0	2	3	2	3	4	1	1	3	2	1	3	3	3	2	2	1	1	1	1	2
7	2	2		1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	1	1	1
8	2	1	1	0	1	1	1	0	1	11	0	0	0	0	0	0	0	0	1	1	o	0	1	0	1
9	0	0	0	0	O	٥	0	1	0	0	1	1	2	2	2	2	,	2	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	2	1	1	1	1	4	1	2	2	3	4	3	2	2	3	2	2	2
11	2	2	2	3	3	3	3	3	3	2	3	2	2	3	3	3	3	2	3	3	3	3	3	2	3
12	2	2	5	2	2	2	2	2	2	5	2	1	1	1	ĭ	1	1	7	1	2	1	1	ī	1	3 2
13	3	- 7	ī	1	ī	1	1	- 7	1	1	1	1	1	1	i	1	1	1	- 1	7	- 4	2	2	2	7
14	2	- 1	9	1	1	0	o	1	1	ાં	2	1	1	2	2	2	2	2	2	2	2	2	2	1	1
15	2	2	2	2	2	2	2	2	2	2	2	1	1	2	3	2	2	2	2	2	2	3	2	2	2
16	2	2	ĩ	2	2	2	1	1	2	2	2	2	2	1	0	2	2	2	1	2	1	ĩ	1	1	2
16 17	1	1	1	1	2	2	1	1	2	2	-	3	2	2	1	1	4	4	4	3	2	2	2	2	2
18	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1
19	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
20	1	1	1	2	2	1	2	1	1	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1
21	0	1	0	0	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
21 22	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	C	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
24	1	0	0	0	C	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
25	0	0	1	1	C	0	0	0	0	0	0	0	1	2	1	1	1	1	2	4	3	3	2	2	1
26 27	2	2	1	-1	1	1	1	1	O	1	0	1	٥	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	C	0	0	0	0	0	0	0	٥	0	٥	0	0	٥	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	1	0	1	0	1	1	1	1	1	0
29	1	1	0	O	C	0	0	0	0	0	0	0	0	1	1	0	0	0	0	٥	0	0	0	0	0
30	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MEAN	1	1		1	1	1	1	1	1	1	1	*	1	1	1		1	1		•	4.	1	1	-4	0.0

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- ... INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- S	ULPHU	R DIO	KIDE							0	UNITS	٠٥.	O1 PAR	RTS/M	ILLIO	N						
	STA	TION -	WC	NO 2	7013	PS	VIC	TORIA	/LEAD	ER NI	AGRA	FLS				MON	тн -	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 1 0 4 1 0 1 1 0 3	0 0 0 3 1 0 0 1 0 4	0 0 0 3 1 2 0 1 0 3	1 1 2 0 3 0 1 0 3	0 0 1 1 1 0 1 0 3	1 1 1 1 1 0 1 0 2	0 0 0 1 0 1 0 2	0 1 1 2 0 2 1 1 0 2	0 1 1 1 0 3 1 1 0 2	0 1 1 0 3 1 0 1 2	1 1 2 0 1 1 1 1 2	102012111	0 0 1 1 1 1 1 1	1 0 1 0 1 2 1 2 1	0 0 1 0 2 2 1 2 1	2 0 3 2 1 1 1 1	1 0 1 1 0 3 2 1 2 0	1 0 1 1 0 2 2 2 3 0	1 1 1 0 2 2 1 4 0	1 0 1 1 0 2 2 1 4 0	0 0 0 1 0 2 2 1 4 0	0 0 1 0 1 2 1 4 0	1 0 1 1 1 4 0	1021001120	0 0 1 2 0 2 1 1 2 1
11 12 13 14 15 16 17 18 19	0 1 0 2 1 1 1 2 0	0 2 0 1 2 2 1 1 1 0	1 2 0 1 2 2 1 1 1 1	0 2 0 1 2 3 1 1	0 1 1 2 3 1 2 3 1	1 0 0 1 2 4 1 1 3 0	0 0 0 1 1 4 1 1 3	0 0 0 2 1 3 0 1 4 1	0 0 0 2 1 3 1 1 4 0	0 0 0 2 2 3 1 1 0	0002240120	0 0 3 3 4 - 1 3 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0 - 2 1 2 0 1 3 1	2 1 2 1 1 3 1	0 1 - 2 0 2 1 - 1	0 0 1 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 2 0 1 0 4 2 1	0 0 1 1 0 1 2 5 2 1	0 1 1 0 2 1 6 1	0 0 0 1 0 1 2 4 1 1	0 0 0 2 0 2 2 5 1 2	1 0 0 2 1 2 1 3 1 3	0 0 2 1 2 1 2 2 1
21 22 23 24 25 26 27 28 29 30	1 0 1 0 3 0 0 2 2 2 2	1 0 0 0 0 3 0 0 1 0 1	1 0 0 0 3 0 0 0	0 0 1 0 2 0 1 1 0 1	0 0 0 0 2 0 1 1 0 1	000000001	0 0 0 1 0 1	0000100001	0 1 0 0 1 0 0 1	0 0 0 1 0 0 0 3	1 1 1 1 0 0 1 1 4	2 1 1 1 0 0 1 1 3	1 0 1 1 2 0 0 1 1 2	1 1 1 0 0 1 0 4	1 2 0 1 1 0 0 1 0 3	1 2 0 0 1 1 0 3	0 1 0 1 1 0 0 1 0 4	1 0 2	0 3 0 1 1 0 0 3	1 2 0 1 1 0 0 2 0 2	1 2 1 1 0 1 2 0 3	1 1 0 2 1 1 0 1 0 4	0 1 0 2 0 0 1 2 1 1	0 2 0 3 0 0 1 3 0 2	1 1 0 0 1 1 0 0 2
31	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 97.2

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 1.9

- " " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

		Ls	TORIA/LEADER NIAGRA FLS	NO 27013 PS VICTOR	STATION - WC N
EADING	MAXIMUM R	CENT 24-HOUR MAXIMUM	AVERAGE CONCENT	NO OF DAYS	MONTH
	9	. 4	1,5	31	JAN
	8	3	1.8	29	FEB
	12	3	1.1	31	MAR
	14	2	1,3	30	APR
	18	. 2	1,4	31	MAY
	21	7	1.2	29	JUN
	42	3	0.8	31	JUL
	9	2	1.0	31	AUG
	.4	2	0.7	30	SEP
	5	3	0.7	31	ост
	6	3	0.9	30	NOV
	6	2	1,0	31	DEC
	42	7	1.1	365	VEAR

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - WC	NO 27013	PS VICTORIA/	LEADER NIAGRA FL	S	
MONTH CO	TO 04 05 TO) 10 11 TO 14	15 TO 25 26 T	0 39 40	&OVER TOTAL
JAN	692	35 0	0	o	0 727
FEB	661	8 (0	o	0 669
MAR	695	12 1	0	o	0 708
APR	704	2 1	0	O	0 707
MAY	728	2 0	1	0	0 731
JUN	671	21	1	О	0 694
JUL	718	2 2	1 1	0	1 724
AUG	729	3 (0	0	0 732
SEP	710	0 0	0	0	0 710
OCT	708	5 (0 0	0	0 713
NOV	712	5 (0 0	0	0 717
DEC	720	3 (0	0	0 723
YEAR	8448	98	3	0	1 8555

FREQUENCY	DISTRIBUT	ION BY	PERCENTILES									
	PERCENT OF DATA				FREQUENCY		TRATIONS					ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	97.4	0	0.0	0.0	0.5	0.9	1.9	2.6	3.6	4.5	42	1.1

POLITITANT	(1)	CILL DIVILLE	DIAVIDE

	STAT	ION	- WC	NO :	27027	PS	309	BEAT	RICE	ST WE	LLAND)				MON1	TH -	JAN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1 1 2 1 3 3 0 3 3	1 4 1 3 1 3 5 0 2 3	1 1 1 5 1 3 6 2 2 3	1 0 2 3 2 4 5 1 3	1 3 4 2 7 5 3 6 3	1 1 3 3 2 7 2 1 5 2	1 2 3 3 1 6 2 2 4 3	1 1 3 5 5 2 0 4 3	1 1 2 3 2 6 2 2 4 2	1 1 2 2 3 6 2 0 5 3	1222452052	1 2 2 1 3 4 2 4 5 3	1 1 2 1 5 5 2 4 8 5	1 7 1 4 7 7 8 3	1 1 2 1 7 6 1 3 9	1 0 2 2 6 4 1 4	0 1 3 2 7 4 1 3 8 2	0 1 3 3 5 7 2 2 10 2	0 2 4 3 4 4 5 3	0 2 4 3 4 **** 6 4	0 2 7 3 3 7 4 11 5	0 1 3 3 4 7 1 1 1 5 2	0 1 5 2 2 4 1 8 6 2	1 1 2 1 5 4 2 2 2 2 2	1 1 3 3 3 5 3 3 5 3
11 12 13 14 15 16 17 18 19	8 3 6 1 2 3 3 2 5	7 6 5 3 6 2 3 5 1	5 4 6 3 3 1 2 4 3	2 3 7 2 3 2 1 1 3	2 5 7 2 5 1 0 1 3 4	2 2 5 2 4 2 0 2 5 6	3 3 3 3 1 2 8 7	4 3 5 4 4 2 1 1 7 6	3 8 6 3 1 1 9	5 7 10 5 2 1 0 2 5 7	2 5 7 5 0 1 1 7 7	2662210198	2 6 5 3 4 1 0 2 8 9	2 6 4 4 5 2 0 2 8	2 5 4 5 6 4 0 2 9 8	2 4 4 5 3 0 2 7 8	2 2 5 4 4 3 0 3 4 8	4 3 3 0 4 3 5	1 2 3 7 3 2 0 2 3 3	3 3 8 2 3 1 2 3 3	4 3 2 6 1 2 1 4 4	3 1 4 5 2 1 1 1	3 7 1 1 1 1 4	3 4 2 5 3 1 1 9 1 4	3 4 5 4 3 2 1 2 5 6
21 22 23 24 25 26 27 28 29 30	4 2 2 1 3 2 2 1 3 1 1	4 1 3 1 2 2 1 1 3 2 2	3 4 1 3 2 2 3 3 2 2	2 3 1 2 3 1 4 3 2 2	3 2 1 2 2 1 3 3 2 1	3 1 1 2 3 1 4 3 2 1	2 1 2 2 6 1 3 6 4 1 2	2 0 5 2 5 2 4 6 4 1	2 1 2 2 4 - 5 12 3 1	4 1 3 2 4 4 10 2	3 2 5 2 6 3 4 7	3 1 5 2 5 2 3 7 3 2	3 1 8 2 7 1 2 6 2 1	2 1 5 3 4 1 2 5 3 2	3 1 5 3 3 1 2 4 3 1	3 3 5 3 3 1 2 2 2 2	3 3 2 2 3 3 5 2 2 3 3	_	5 4 2 1 3 3 3 2 2	3 3 2 1 3 2 4 2 3 1	2 6 2 6 4 3 8 3 2 1	4 1 5 4 3 8 3 2 1	1 2 2 3 2 2 9 4 3 1	1 2 1 3 4 1 1 1 1 1 3	3 2 4 2 4 4 3 1 3

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 0.9

MEAN

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- -- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- SI	JLPHI	JR D10	CIDE								UNITS	• 0.0	DI PAR	RTS/M	ILLIC	N						
	STA	TION -	wC	NO 2	27027	P	s 309	BEAT	RICE	ST W	ELLAN	D				MON	TH -	FEB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	2328433335	2436123267	2 3 2 6 1 2 2 2 4 7	2 4 4 1 2 3 3 6	2 2 5 5 1 1 2 3 3 7	3 2 5 1 2 4 3 2 7	2 3 5 5 1 1 2 2 7	3 2 3 6 1 1 1 2	3 1 3 4 1 2 2 2 2 6	4 2 4 6 2 2 1 2 7	4 2 5 1 3 1 2 1 2 5	3 1 6 3 2 2 2 2 2 2 3	3 2 4 5 3 2 5 2 1 3	3 2 3 2 3 2 1 3	2 2 4 2 3 2 3 3 2 3	2 2 5 2 2 2 4 3 2 3	2372324223	6 2 3 2 4 3 2 2	5 1 1 2 1 2 3	1 4 5 1 1 2 2 2 3 3	1 3 3 1 - 2 2 2 4	1 5 3 1 . 3 2 1 2 4	3 6 1 6 3 2 2 3 3	3 4 17 1 3 5 3 2 5 3	2353223225
11 12 13 14 15 16 17 18 19	2 2 3 0 0 1 0 1 2 1	2 3 2 1 1 3 0 1 1 2	3 2 3 1 0 5 0 1 1 2	3 2 3 1 2 6 0 2 1	2 1 3 1 2 3 0 1 1 1	2 1 2 1 2 5 1 1 1 1 -	2 1 2 10 1 0 1 3	2 2 2 3 1 0 1 2	2 2 1 2 1 2 3 4 3	2 3 3 1 2 1 2 1 6 3	2521213173	2 4 2 1 1 1 3 1 4 2	2 2 1 1 1 3 2 5 3	2 2 0 1 1 1 2 6 4	2 2 1 1 1 3 2 8 2	1 3 1 1 0 2 2 7 4	2 3 1 1 2 3 1 6 4	3 3 1 0 2 3 1 1 1 3 2	3 0 0 2 1 1 1	3 3 0 1 1 2 1 1 5	1 3 0 0 1 2 2 2 5 1	1 3 0 2 2 2 7 2	2 3 0 1 2 0 1 2 4 1	2 2 0 0 1 0 1 2 1 1	2 1 1 2 1 1 4 2
21 22 23 24 25 26 27 28 29	1 1 1 2 2 1 4 1	0 1 2 1 4 5	0 0 1 2 3 2 1 6	0 0 2 2 8 2 4 3	1 2 1 2 6 2 2 3 2	2 0 2 3 3 5 1 3 2	5 0 1 3 6 3 2 2 3	4 0 1 6 4 5 2 3	1 1 3 2 2 2 2 14	1 1 3 2 4 3 2 3	3 3 2	3 1 3 3 4 2 1 4	1 1 5 3 3 4 2 3	1 1 7 4 5 4 2	6 5 8 6 2 3	2 1 3 4 6 5	2 1 2 4 . 8 3 1 2	2 1 2 6 7 2 3 1	1 1 10 3	2 1 1 1 1 2 2 5 1	1 1 2 3 1 1 4 2	1 2 3 3 1 4 1	1 2 2 2 1 3 1	1 1 2 2 1 2 3 0 1	1 1 4 4 3 3 2 2
MEAN	2	2	2	3	2	2	3	2	3	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2.5

PERCENTAGE OF DATA VALID - 96.3

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 1.3

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	S	TATION	* W	C NO	2702	7	PS 30	9 BEAT	TRICE	ST WE	ELLAND					MON	тн -	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	11 00 00 22 22 11 22 22	1 1 0 0 1 1 1 1 3	0 1 1 0 1 2 - 1	0 1 1 0 2 2 2 1 ****	1 **** 0 2 3 1 1 2	0 1 **** 0 3 1 1 2 1	0 1 2 0 2 2 1 3 2 1	0 1 **** 0 4 2 1 3 4	0 1 1 0 2 5 1 2 3 2	0 1 0 0 1 2 1 1 3 2	1 1 0 2 2 1 1 2 3	0 1 0 1 3 2 3 1 2	1 1 4 1 3 1 2 2 2 3	1 1 0 0 4 - 1 1 2 2 2	1 1 5 1 4 3 2 2 2 2	1 1 0 2 0 3 2 2 2 3 3	1 0 2 4 3 2 4 3 2	1 - 0 1 5 3 2 2 2	1 1 0 1 5 3 2 6 1 2	1 1 0 1 2 3 1 7 1 2	0 1 0 1 2 3 1 6 6 ****	1 1 0 1 4 3 1 3 2 2	0 1 0 0 3 2 2 1 1 2	1	1 1 1 3 2 2 2 2 2
11 12 13 14 15 16 17 18 19 20	1 1 1 5 2 4 1 5	2 2 2 5 4 4 0	2 2 2 2 6 5 4 1 6 2	2 4 4 6 3 2 5	**** 2 2 3 5 3 2 2	3 2 1 2 1 3 3 1 2 2	3 3 1 2 1 3 3 2 2 2	3 2 1 4 1 2 3 1 2 2	2 2 2 3 3 3 2 2	2 2 1 2 2 3 3 7 **** 3	2 1 2 1 3 3 2 2 3	3 1 2 2 2 3 1 10 3	5 2 2 2 2 2 2 1 0 4	2 2 1 2 3 2 3 3	8 2 2 4 2 1 3 5 3	2 2 2 2 2 2 1 3 4	3 2 4 4 2 1 3 4 3	3 2 4 3 1 3 7 3	3 2 2 6 2 4 2 5 4 4	3 + 2 8 3 3 3 3 2 2 3	3 1 1 3 3 2 4 1 2 3	2 1 2 4 2 2 0 2 2 3	1 2 2 3 2 3 0 3 2 3	2 2 2 3 2 4 0 5 1 3	3223332233
21 22 23 24 25 26 27 28 29 30	3 1 2 2 2 2 1 4 1	1 3 2 3 1 2	3 2 4 0 2 1 0 2	2 1 2 2 4 0 3 1 1 2	2 1 3 3 1 3 1 1	2 1 4 2 1 3 1 1 ****	2 1 2 5 2 1 2 1 1 1	2 1 4 3 2 2 2 1 2 2	1 6 3 2 3 1 2 2 2	* * * * 4 4 2 4 2 2 3 5	2 1 5 4 2 4 1 2 5 4	2 2 5 3 2 6 2 1 3 7	2 1 7 3 3 6 2 2 3 4	1 1 6 4 4 3 1 1 3 3	1 1 8 6 4 9 1 3 3	2 3 8 5 3 1 1 5 4	2 3 10 4 7 5 1 2 1 4	2 3 8 3 9 5 1 1 5	2 1 3 9 2 1 1 2 5	2 1 1 3 3 3 - 1 4 5	2 5 2 2 1 3 1 1 7 4	2 3 3 3 1 1 1 5 1	1 3 3 1 2 1 0 3 1	1 1 3 3 1 2 1 0 3 1	2 2 4 3 3 3 3 2 1 2 3
31 MEAN	1	1	1	2		1 2	1	1 2	1	1	1	3	3	1	o 3	1	2 3	1	3	2 3	1	0	2	2	1 2.2

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 2.4

- NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- S	ULPHU	R DIOXI	DE							ι	JNITS	- 0.0	1 PAR	TS/MI	LLION	4						
	STA	TION -	WC	NO 2	7027	PS	309	BEATR	ICE	ST WE	LLAND					MONT	н - д	PR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	3 1 2 0 4 3 1 2 2 2	2 0 2 0 4 2 1 1 1	1 1 4 1 4 4 1 1 1 3	0321540012	0 2 0 2 5 3 0 1 1 3	1 2 0 1 4 5 0 0 1 1	1 1 1 1 4 4 4 0 0 0 1 1 1	1 0 2 1 3 3 0 1 1 3	1 2 2 1 3 - *	1 1 2 1 3 3 4 4 4 0 1 0 3	2 1 1 0 5 3 0 0 1 2	4 0 2 1 3 3 1 0 1 2	4 1 2 0 5 3 1 0 1 2	4 0 3 4 1 0 1 2	3 5 0 2 6 1 0	1 1 5 0 2 6 2 1 2 3	1 1 4 0 3 8 4 1 5 3	1 1 3 0 6 6 2 1 5 4	0 1 3 0 4 3 1 1 5 4	0 1 4 0 9 1 1 1 7	1 3 2 0 11 1 1 0 10 3	1 3 2 1 4 0 1 0 7 1	3 3 1 2 1 0 1 0 2 2	O 2 1 4 1 1 2 3 3 2 2	1 1 2 1 4 3 1 1 3 3
11 12 13 14 15 16 17 18 19	1 2 9 2 5 3 2 2 4 2	1 6 2 5 3 2 2 4	2 1 6 2 5 3 2 2 1	1 2 2 3 4 1 2 2 1	1 1 2 3 3 1 2 1	1 1 4 3 3 3 2 2 3 1 1	1 1 3 3 4 1 1 2 2 2 1	1 3 4 3 1 2 2 5	2 1 3 4 4 1 4 2 3 1	1 2 3 1 3 1 4 3 3 1	1 3 2 1 3 1 5 5 2 1	1 3 3 1 3 2 5 4 2	1 2 3 5 4 2 5 4 2 1	1 2 3 6 5 4 5 4 3 2	1 1 3 5 3 3 4 4 3 2	1 1 4 3 4 3 - 3 4 2	1 2 1 3 6 3 3 3 4 1	1 2 4 3 5 3 3 3 1	2563333421	3573223421	2 6 7 3 2 2 4 3 2 1	253322332	2 10 2 4 2 2 3 2 2 1	2 8 2 6 2 2 2 2 2 1	1 3 4 3 4 2 3 3 3
21 22 23 24 25 26 27 28 29	1 1 2 1 1 1 3 2 1	1 1 2 1 0 1 2 2 2 2 2	1 1 2 1 1 1 2 4 3	2 1 2 1 1 1 1 3	1 2 2 1 1 1 1 2 2 2 ***	1 1 2 1 1 1 0 2 3 1 *	1 2 2 1 1 0 2 2 2 1	2 1 2 0 1 0 2 ** 4 8	1 2 0 1 0 ** 1 4 2	3 2 2 0 1 1 2 0 4 2	3 1 2 0 1 1 1 3 4 2	4 2 2 0 1 2 2 2 2 1	2 2 2 0 1 1 2 1 2 1	2 1 1 1 1 2 1 6 1	1 0 1 1 1 1 4	2 1 0 1 1 1 1 6 4	1 3 1 0	1 3 1 0 1 1 1 3 4 2	2 3 1 0 1 1 1 2 2 1	1 2 2 0 1 1 1 2 4 1	1 2 1 1 1 2 2 2 6 1	1220122353	1 2 2 1 1 2 2 3 2 2	1 2 2 1 1 3 3 4 1 3	2 2 2 0 1 1 2 2 3 2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2.1

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - *- INDICATES DATA IS UNAVAILABLE
 - 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT -	SULPHUR	DIOXIDE
-------------	---------	---------

	STA	MOITA	- wc	NO :	27027	P	5 309	BEAT	RICE	ST WE	LLAND)				MON	TH - 1	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MI	EAN
1 2 3 4 5 6 7 8	5 1 2 1 1 4 1 1 3	2 1 2 1 2 4 1 2 4	8 1 2 3 2 3 1 2 4	3 1 3 3 2 2 1 2 6	2 2 6 3 2 2 1 3 3	2 4 3 2 1 1 2 3	5 3 2 1 1 2 2	2 2 3 2 2 0 0 2 3	3 3 2 2 0 0 3 3	3 3 3 2 1 1 2 6	2 3 3 2 1 1 3 4	4 5 3 4 2 0 1 2 4	3 6 3 4 2	4 3 3 3 2 0 1 2 6	4 2 3 3 2 0 1 2 7	2 3 4 5 7 0 1 2	2 5 4 3 2 1 4 6	3 4 3 2 0 1 5 7	2 3 4 1 2 1 1 5 4	2 4 1 2 1 1 5 4	2 8 1 1 2 4 3	2 1 3 2 2 0 1 3	2 1 1 3 2 0 1 2 1	1 2 1 1 2 1 1 2 1	3 3 3 2 1 1 3 4
10 11 12 13 14 15 16 17 18 19 20		2 2 1 2 1 3 1 1 4	3 3 1 2 1 3 1 6 1 4	2 4 2 1 2 0 2 1 1 2 4	1 8 1 2 3 0 1 1 4 2 5	2 1 1 2 2 0 1 1 1 3 8	1 2 2 2 0 1 1 1 1 3	3 1 3 2 0 1 1 1 7	3 1 2 2 0 1 1 1 1 1	6 1 2 2 2 1 2 1 1 2	5 1 3 2 3 1 1 2 1 2 9	5 3 2 3 1 1 3 1 0 3	4 2 3 1 1 3 2 1 3	5 2 3 1 2 1 4 1 5	7 4 2 1 2 2 2 2 0 2 4	8 1 3 1 1 2 2 4 1 2 5	7 3 3 3 2 2 2 4 1 3 2	3 1 2 2 3 1 4 2	3 1 2 2 1 2 2 1 1	1 3 2 1 1 1 1 4 2	1 3 2 1 1 1 1 3 3 3	3 2 1 1 1 1 3 4	3 2 1 2 1 1 1 1 2 2 3	2 1 2 1 1 2 3	4 2 2 2 2 2 2 2 2 4
21 22 23 24 25 26 27 28 29 30	8 3 1 1 2 1 1 6 2	4 3 2 2 1 1 1 2 8 2	6 3 2 2 1 1 3 2 4 2	5 3 2 2 1 1 2 2 2 2 2	1 1 1 2 1 2 2	5 2 1 1 1 1 2 1 2 2 2	5 3 1 1 1 2 2 4 2	4 2 3 1 2 2 2 5 4 2	2 2 1 3 2 1 4 2	1 3 2 1 1 2 2 2 3 2	1 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 2 1 2 2 2 3 2 2	2 4 3 2 2 2 4 2	2332233342	243422442	234224432	2332126342	233223232	1 2 3 2 2 2 3 3 2	1 2 3 2 1 2 2 3 4 2	1 2 3 1 1 2 2 3 3 2	1 2 3 1 1 2 1 9 2 1	1 2 2 3 1 2 2 6 2 1	2111221321	3 3 2 2 1 2 2 3 3 3 2
31 Mean	1 2	1	1 3	1 2	1 2	1	1 2	1	1	1 2	1 2	1	3	3	2 3	2 3	2 3	2	2 2	2	2	1	1 2	1	1 2.2

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	· - s	ULPHU	R DIO	XIDE								UNITS	· o.	01 PA	RTS/N	ILLIO	N							
	STAT	ION -	WC	NO 2	7027	P.	309	BEAT	TRICE	ST W	ELLAND					MON	тн -	JUN	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6	1 1 1 0 2 1	1 1 1 2 2	1 1 1 0 2 1	1 2 1 1 2 1 2	1 1 2 2 1 4	1 2 1 1 1 1 1	1 2 2 2 1 4	1 2 2 3 2 4 3	1 2 2 2 2 2	1 2 4 1 0 2	1 2 3 2 0	1 2 4 3 1 2	1 2 3 1 0 2	2 3 1 0 2	1 2 4 1 0 3	2 2 3 0 0	2 2 3 0 0 4	1 2 3 0 0 2	2 3 0 0 2	1 2 3 0 1 6	2 2 2 0 1 2	1 1 1	1 2 1 *****	1 1 0 1 1 1 1 1	****	1 2 1 2
6 9 10	2	2	2	2	2	2	2	2	2	1	3 5	3 6	3	4 8	4 8	5 7	4 6	4 5	4 5	3 4	3 4	2 8	2 3	2 3	****	4
11 12 13 14 15 16 17 18 19	3 1 2 1 1 2 0 0 1 0	3 0 1 1 2 0 0	3 0 0 1 1 2 0 0	3 0 0 1 1 1 0 0 1 0	3 1 0 1 1 1 0 0 0 1 0	3 1 1 0 1 0 0 1 1	4 0 2 1 0 1 0 0	2 0 1 0 0 1 1 1 1	2010110011111	0 0 2 1 1 1 1 1 1 0	1 2 3 2 2 1 1 1 1 1 1 1 1	1 1 3 2 3 2 2 3 1 1	1 0 4 4 6 1 1 1 1	3 4 6 2 3 5	0 4 4 6 1 4 7	1 4 8 5 0 4 6	1 4 10 4 1 4 6	2 4 8 5 0	2 1 5 7 4 0 2 7 1	1 1 4 3 3 0 0 5 1 1	1 1 3 6 3 0 0 3 1 0	2 1 2 4 3 1 0 3 1	3 2 2 2 3 0 0 3 1 0	0		2 1 2 3 3 1 1 3 1
21 22 23 24 25 26 27 28 29 30	0 0 1 1 3 5 4 5 1 0	0 0 1 1 3 4 4 4 1 0	0 0 1 2 3 5 5 3 1	0 0 1 1 3 5 4 2 1 0	3 5 4 2 1 0	1 0 1 1 3 4 4 1 1 0	1 0 0 0 3 4 3 1 1 0 0	1 0 1 0 3 5 4 2 1 0	1 1 0 - 4 4 0 1 1	1 1 1 0 - 5 4 1 1 1 1	0 3 5 5 2 0	1 1 0 4 4 4 2 1	1 2 4 0 5 4 4 4 1 4	3 4 0 3 3 3 4 0 5	² 4	1 4 4 1 4 5 3 1 1	1 4 4 0 3 4 3 1 1 5	5 2 1 4	1 3 4 0 6 7 5 1 1 5	3 5 4 1 0 5	0 2 2 1 4 5 4 1 0 5	0 1 2 0 4 5	0 1 1 2 4 4 4 1 0	1 1 4 5 4 4 1 1		1 2 2 1 4 4 4 2 1 2
MEAN	1	1	1	1	1	2	1	2	1	1	2	2	3	3	3	3	3	3	3	2	2	2	2	1	2	.0

PERCENTAGE OF DATA VALID - 91.5 PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 4.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	PUL	LUTAN	- 3	ULPHU	IK DIG	VIDE								DULLE	- 0.1	JI PAI	412/M	ILLIO	N						
	STA	TION	- WC	NO 2	7027	Р	s 309	BEAT	RICE	ST WE	ELLAND					MON	тн - ч	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 2 0 0 2 2 2 1	1 0 0 0 2 2 2 1 0	1 2 1 0 0 2 2 2 1	1 1 0 1 2 2 1 0 0	1 * 1 0 1 1 1 0 0 0	1 1 0 0 1 1 1 2 1 0	1 1 0 0 0 1 1 2 1 0	1 1 1 0 0 0 1 1 1 1	1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 2 2 2 2 2 2 2 2 2	1 1 2 0 2 3 2 2 2 1	1 1 1 3 3 2 2 1	1 2 1 1 4 **** 2 2 1 1	1 1 1 5 5 2 2 2	1 2 1 1 3 5 2 2 1	1 2 1 1 6 6 2 3 2	2 3 1 4 5 2 3 5 1	5 1 2 3 4 3 3 4 1	4 3 1 2 3 3 3 2 3	5 2 0 1 3 4 2 2 2 0	5 1 0 1 4 3 2 1 1	5 1 0 1 2 2 2 1 0 0	2 1 0 1 2 2 2 1 0 0	2 1 0 0 2 2 2 2 0 0	2 1 1 1 2 3 2 2 1
11 12 13 14 15 16 17 18 19	0 1 3 4 2 1 1 0 1	5 3 3 2 1 1 0 1	2 3 5 4 3 1 0 0 1 1	1 3 4 4 3 0 1 0	0334201011	0 2 4 3 3 0 0 0 1 0	0 2 4 4 3 0 0 1 1 1	0 4 3 4 - 0 1 0 1 1	1 3 - 3 **** 0 1 1 1 2	0 3 3 4 - 0 0 1 1 0	1 3 3 3 - 0 0 1 2 2	1 3 3 - 2 0 0 2 2 4	1 3 3 2 0 0 1 2 2 3	1 4 4 1 0 0 1 2 2 3	1 4 4 1 1 1 2 2	1 4 4 0 1 1 2 2 3	2 4 5 4 0 1 1 2 2 3	3 4 4 0 1 1 2 4 3	1 3 5 4 0 **** 1 2 3 3	1 4 4 4 2 0 2 2 3 3	1 3 1 3 2 0 2 2 2 3	1 3 1 4 1 0 2 2 1 2	1 3 3 4 1 0 1 1 2 2	3 4 2 1 0 0 1 1	1 3 3 3 1 0 1 1 2 2
21 22 23 24 25 26 27 28 29 30	1 0 1 2 1 2 3 0 0	1 0 1 2 1 1 3 1 0 0	1 0 1 1 0 0 1	1 0 1 2 0 2 - 0 0 0	1 0 1 1 0 0 0	1 0 1 1 0 0 0	1 0 2 1 0 1 - 0 0 0	1 0 - 1 0 2 - 0 0 0	1 2 1 0 1 2 0 0 0	1 1 2 1 2 2 1 0	1 2 **** 2 2 3 2 1 0 2	1 2 1 2 1 3 2 - 0 2	2 2 1 2 1 3 2 5 1 2	2 3 2 3 1 **** 0 2 1 2	3 1 3 2 6 1 2 1 2	3 2 2 2 6 3 1 1	2 3 2 2 3 7 3 1 1	2422263112	2 3 2 2 3 5 2 0 1 2	2 3 2 2 4 5 2 0 1 2	1 3 2 1 3 4 2 0 1 2	1 3 2 1 2 4 1 0 1 2	1 2 2 1 2 4 1 0 0 2	1 3 2 1 2 3 0 0 1 2	1 2 2 2 1 3 2 1 0
31	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	2	2	2	1	Ĭ	1.6

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 2.2

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	LUTANT	- S	ULPH	UR DI	OXIDE							ι	INITS	- 0.0	1 PAR	RTS/M	ILLIO	N						
	STAT	TION -	WC	NO	27027		PS 3	09 BE	ATRICE	ST	WELLAND					MON'	тн - ,	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	1 0 0 0 2 2 1 0 0 0	1 0 0 0 2 2 1 0 0 0	1 1 0 0 2 1 0 0 0 0	0 0 0 0 2 1 0 0 0 0	0 0 0 0 1 0 0	000000000		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 0	0 1 1 3 0 0 0 0	1 1 1 3 4 0 0 0 0 0 0 0 0 0 0 0	0 1 2 5 3 0 0 0 0 1	0 0 2 **** 7 0 0 0 7	1 1 2 6 8 0 0 0 0	1 1 2 6 5 2 0 1 1 3	1 1 4 3 7 2 0 1 1 2	1 3 8 5 2 0 1	1 1 2 9 3 2 0 1 1	1 1 4 2 1 0	1 1 0 3 2 2 2 0	1 1 0 2 2 1 0 1 1 0	2 0 0 2 2 1 0 0 1 0	1 0 0 2 2 1 0 0 1 0	0 0 0 2 2 1 0 0 1 0	1 1 3 3 1 0 0
11 12 13 14 15 16 17 18 19	0 2 2 1 1 2 1 0 0	1 2 2 1 1 1 2 0 0	0 * 2 2 0 1 3 3 0 0 1	2 2 1 1 2 2 0 0 0	**** 2 2 0 1 2 1 0 0	2 2 0 0 1 0 0 0 0 0 0	****	2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 1 0 1	1	2 2 1 0 1 0 1 1 1 2	0 2 1 1 1 2 2 1 5	1 2 1 1 2 1 2 2 3 6	2 3 1 1 2 2 2 3 6	3 3 2 2 2 1 2 3 4 7	5 4 3 2 1 2 3 2 3 6	4 4 3 2 1 2 2 2 4 8	4 5 2 2 1 3 2 2 3 8	3 5 3 1 1 2 2 3	3 4 1 2 1 - 2 2 2 2	3 2 1 1 1 2 1 2 2	3 2 1 1 2 1 1 1	2 2 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 2 1 1 1 2 1 1 3
21 22 23 24 25 26 27 28 29	1 1 2 0 0 0 1 1 1	1 1 2 0 0 0 1 1 1	1 1 2 0 0 0 1 1 1	0 1 2 0 0 0 1 1 1	0 1 2 0 0 0 1 1 0 0	0 1 2 0 0 2 1 1 0 1	****	1 2 2 3 1 4 ****	2 1 0 **** 4 1 1 0 0	(2 3 2 2 0 1 1 2 4 4 1 1 1 1	3 2 2 1 2 4 1 1 2	3 3 2 1 2 3 1 1 1	4 5 1 1 2 4 2 2 1 3	5 4 2 1 3 4 1 2 1 3	6 4 2 3 5 1 2 1 3	5422452202	4 2 1 5 5 2 0 2	3 4 2 1 3 5 2 2 1	2 2 2 1 3 5 2 2 1	2 1 1 2 5 1 2 1	2 1 0 2 5 1 1 1 1	1 2 0 0 1 3 1 1 2 1	2 2 0 0 1 2 1 1 0	2 2 2 1 2 3 1 1 1 1
31	0	0	1	0	0	0	() (0	1	1 1	3	2	2	3	3	2	2	2	2	1	1	1	1	1
MEAN	1	1	1	1	1	1	(1 1	1	1	1 1	2	2	2	3	3	3	3	2	2	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.0

- NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA UNAVAILABLE - 0.5

POLLUTANT - SULPHUR DIOXIDE

PS 309 BEATRICE ST WELLAND MONTH - SEP STATION - WC NO 27027 24 MEAN B HOUR DAY ō 2 1 2 2 2 2 7 14 15 2 2 1 6 2 17 18 O O 0 2 0 2 22 23 24 25 26 ... 2 2 1 28 0 2

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE

MEAN

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - OCT PS 309 BEATRICE ST WELLAND STATION - WC NO 27027 24 MEAN HOUR DAY 2 7 ō 0 2 2 2 12 13 14 15 16 17 o 0 2 0 2 22 23 24 25 28 C 1.3

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 5.4

- S 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. " " INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- WC	NO 2	27027	Р	s 309	BEAT	RICE	ST WE	LLAND)				MONT	TH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	3 4 2 1 2 2 4 1 2 2	2 4 1 1 1 3 3 1 1 1 1	1 1 2 6 1 3 2 1 2	0 0 1 7 2 9 1 2 2 1	0 0 1 2 2 2 1 1 4 2	1 0 2 1 1 2 1 1 5 2	0 0 1 0 2 2 1 1 2 4	1 1 1 0 1 2 1 1 1 2	2 3 4 1 1 2 2 2 2 2 2	5 2 4 2 2 2 2 7 2 2	3 2 5 2 0 2 3 1 3 3	2 2 6 2 1 2 3 2 3 2	1 2 3 2 2 2 2 1 3 3	1 2 3 4 4 2 2 2 3 1	2 2 3 4 1 2 1 3 2	3 2 4 1 2 2 4 1 3 2	2 2 4 1 2 2 2 1 2 3	3 1 3 3 2 2 4 2 3	2 2 1 3 3 1 3 2 3 2	2 2 2 3 3 3 2 2 3 3	2 2 2 2 1 3 4 3	2 3 1 2 3 1 2 4 4 2	3 4 0 . 3 3 2 3 2 1	1 2 1 2 2 4 1 1 2 3	2 2 2 2 2 2 2 3 2
11 12 13 14 15 16 17 18 19	3 0 1 4 1 2 2 3 1 3	1 1 4 1 2 2 1 2 2	2 1 1 4 2 3 2 3 3 3	2 2 1 3 3 3 4 7 2 3	2323354624	2324252631	2 1 6 4 7 2 4 2 3	2 2 1 5 4 5 2 2 2 2 2	2 3 1 3 2 7 2 3 3 2	3 1 6 3 6 4 1 2 2	3 1 5 3 4 1 3 5	1 2 7 4 8 3 2 3 4	3 2 1 6 4 5 4 3 3	3 3 1 5 5 6 5 3 3 3	2 1 4 6 6 7 3 7	3 2 1 3 6 5 4 2 3 1	3 4 2 4 4 5 3 3 6 1	6315543331	4 3 3 6 4 3 2 4 1	2 3 6 4 6 3 5 2 4	2 4 7 5 4 2 4 2 3	3 3 4 3 4 2 4 1 2 2	3 2 4 5 2 3 5 1 1 2	0 1 4 1 1 2 4 1 2 1	2 2 4 4 3 3 3 3 2
21 22 23 24 25 26 27 28 29	1 2 1 2 2 2 1 2	1 4 1 1 2 2 1 2	2 2 2 3 2 1 2 2 2	1 2 2 2 2 1 2 1 2 2	1 2 2 2 3 2 1 1 3 3	1 2 2 2 3 2 1 1 3 1	1 3 2 2 2 2 2 2 2 2 2	1 2 1 1 1 1 1 3 2	1 2 2 3 1 1 1 2 3 1	1 2 2 2 1 0 1 2 2 2 2	1 2 2 3 1 1 2 3 2	1 2 2 2 1 1 2 2 2 2	1 2 2 1 2 2 2 3 1	2 1 2 1 3 1 2 2 4 1	1 1 2 1 2 2 1 1 3	1 1 3 1 2 1 1 1 4 1	1 1 3 1 3 2 2 2 4 2	1 1 3 1 2 1 1 1 4 3	1 2 3 1 2 2 1 1 3 4	2 1 3 2 2 1 2 1 4 4	1 2 2 1 4 1 2 5	2 2 2 1 3 2 1 1 1 5	3 2 4 0 3 1 2 1 2 6	2 1 2 0 3 1 2 1 2 2	1 2 2 2 2 1 1 1 3 2
MEAN	2	2	2	2	2	2	2	2	2	3	2	3	2	3	3	2	3	3	3	3	3	2	3	2	2.3

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- * * INDICATES DATA IS UNAVAILABLE
- 2. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POI	LLUTANT	- S	ULPHU	R DIO	XIDE							ι	UNITS	- 0.0	1 PAR	RTS/M	LLIO	4						
	ST	TION -	WC	NO 2	7027	PS	309	BEAT	RICE	ST WE	LLAND					MONT	гн - 1	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	1 2 0 2 5 1 2 2 1 5	1 1 2 4 1 2 2 1 6	1 2 1 3 3 1 2 1 2 6	2 3 3 2 4 1 2 1 2 4	3342333133	2322433233	3 3 2 2 3 4 3 1 3 3	2 3 1 2 2 4 2 2 2 3	1 3 2 2 2 3 2 1 2 2	1 3 1 2 3 4 1 2 2 2	2 2 2 3 1 2 3 3	2 2 2 7 1 2 2 3	1 **** 3 2 5 2 3 2 2	1 2 3 3 4 1 2 2	1 1 3 3 4 2 2 2 2 2	1 2 5 3 6 1 3 3 2	2 1 2 3 3 3 2 5 2 2	2423321523	2 4 1 4 3 3 2 3 3 3 3	2 3 2 4 2 3 2 3 3 3 3	1 3 3 6 2 3 2 4 3 6	2234223336	2333122335	1 1 2 3 1 2 3 1 5 3	2 2 2 3 3 3 2 2 2 3 3
11 12 13 14 15 16 17 18 19 20	3 4 2 **** 3 1 2 1 3	3 4 1 3 2 1 1 2 2 1	2 4 2 3 4 2 2 2 2 1	3 3 1 3 5 4 3 2 2 2	4 3 2 2 5 4 2 2 3 1	2 1 2 6 3 2 2 4 2	2 2 4 2 5 2 2 2 3 2	2 1 5 2 2 3 2 1 3 2	2 2 6 3 2 2 2 1 3 1	2 3 3 5 3 1 1 3 2	2 2 1 3 5 3 2 1 4 2	2 2 2 3 4 4 - 2 4 1	2 3 3 3 4 2 2 4 2	1 4 3 2 5 2 2 3 2	24 4 2 5 2 2 3 2	2 1 4 1 1 6 1	3 1 6 2	2 2 4 2 1 5 2 - 2	1 3 3 2 1 3 2 2 3 4	1 3 3 2 1 4 2 2 2 3	1 3 1 2 1 3 2 2 3 2	2 2 2 2 2 2 1 3 2 2	3 2 2 3 0 4 3 2 2 2	4 2 1 3 1 3 2 2 2	2323332232
21 22 23 24 25 26 27 28 29 30	2 1 2 1 3 2 1 2 2 3	2 1 1 3 2 1 1 1 2	2 3 2 1 3 2 1 3 3 3 3	2 4 2 1 3 2 3 2 3 3	1 4 1 1 2 3 3 2 4 4	1 4 2 1 2 2 2 2 2 4 4	2 3 1 1 2 1 2 4	1 4 1 1 2 2 1 1 2 6	1 3 2 1 2 1 2 2 5 2	1 1 3 1 2 1 2 2 4 3	1 2 1 2 2 2 3 2 3	2 2 2 1 3 1 2 3 3 2	2 2 2 1 2 1 3 3 3	2311214353	2 3 1 1 2 2 3 3 4 1	2 2 1 1 2 1 2 3 3 2 2	1 2 2 1 2 1 4 4 4 3	2 4 1 2 1 2 5 2 3	3 4 1 1 2 2 2 *** 5 4 4	3 4 1 2 2 3 1 5 4 4	33+4222525	3 2 1 5 2 2 1 4 3	3 3 1 2 2 1 1 3 2 3	1 3 1 2 2 1 1 3 4 3	2 3 1 1 2 2 2 3 3 3 3
31 MEAN	3 2	2	2	2	2	1	2	2	4	5	2	2	4	3 2	2	2	2	1 2	2	1	2 3	2	2	2	2.4
															-				-	-	-		_	_	

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - WC	NO 27027 PS 309 B	EATRICE ST WELLAND		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.1	6	12
FEB	29	2.5	5	17
MAR	31	2.2	4	10
APR	30	2.1	4	11
MAY	31	2.2	4	9
JUN	27	2.0	4	11
JUL	31	1.6	3	7
AUG	31	1.4	3	9
SEP	30	1.4	4	9
ост	31	1.3	3	14
NOV	30	2.3	4	9
DEC	31	2.4	3	7
YEAR	363	2.0	6	17

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

						-			
STAT	TION - WC	NO 27027	PS 309	BEATRICE	ST WELLAND				
	MONTH OO	TO 04 0	5 TO 10 11	TO 14 15	TO 25 26	TO 39 40	BOVER	TOTAL	
	JAN	581	147	4	0	٥	0	732	
	FEB	592	75	2	1	0	٥	670	
	MAR	654	57	0	0	0	0	711	
	APR	654	53	1	0	0	0	708	
	MAY	684	48	0	0	0	0	732	
	JUN	601	57	1	0	0	0	659	
	JUL	698	22	0	0	0	0	720	
	AUG	690	35	0	0	0	0	725	
	SEP	676	28	0	0	0	0	704	
	OCT	680	11	1	0	٥	0	692	
	NOV	665	52	0	0	٥	0	717	
	DEC	687	38	0	0	0	0	725	
	YEAR	7862	623	9	1	٥	0	8495	

FREQUENC	Y DISTRIBUT	ION BY P	ERCENTILES	į.								
	PERCENT						TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	96.7		0.0	0.6	1.3	2.0	3.6	4 7	6.0	7 1	17	2.0

UNITS - 0.01 PARTS/MILLION

	STA	TION .	MC	NO	27037		NORTH	/GENE	VA ST	REET.	ST.	CATH	ARINE	S		MON'	TH - 1	MAY	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	×	•	÷									- DA - DA - DA - DA - DA - DA	TA UN TA UN TA UN TA UN TA UN TA UN	NAVAILA NAVAILA NAVAILA NAVAILA NAVAILA NAVAILA	BLE BLE BLE BLE BLE BLE		1	1	***	1	2	2	1	ſ	****
11 12 13 14 15 16 17 18 19	1 1 1 1 2 0 1 1	1 0 1 1 2 0 2 1 1	1 0 1 1 0 1 1 1 1	1 0 1 1 0 1 1 1 1	**** 0 1 1 3 1 0 1 1 0	**** 0 1 2 3 1 0 1 0 0	**** 0 1 2 2 1 0 2 0	**** 0 1 2 2 1 0 3 0 0	**** 0 2 2 5 3 0 3 0 0	**** 0 2 3 **** 3 8 1 0 0	**** 0 2 2 4 **** 2 1 0 0	1 1 2 2 2 0 3 1 1 0	2 1 2 2 1 0 1 1 1 1 0	2 1 2 1 1 0 1 1 0 0	1 1 2 1 0 0 1 2 0 0	2 1 3 1 1 1 2 1 0	1 1 2 1 1 1 1 2 1 0	0 1 2 3 0 1 1 2 2 0	0 1 2 3 1 1 1 1 2 0	0 1 2 4 0 1 1 1 0 0	1 1 2 1 0 0 0 1 0 0	1 1 1 0 0 3 1	1 1 1 0 0 4 0 0	1 1 1 2 0 0 2 0 0	1 1 2 2 1 1 1 2 1 0
21 22 23 24 25 26 27 28 29 30	0 0 2 1 0 1 2 1 1 0	0 0 3 1 0 1 2 1	0 0 1 0 1 1 1 1 1 1 1 1	0 0 1 0 1 1 1 1 1 1 1 1	0 1 0 1 1 1 1 2	0 0 1 0 1 1 1 1 2 1	0 0 1 1 1 1 1 1 1 1 1	O 0 1 1 1 1 1 1 1	0 0 2 1 1 1 1 1 1 1 1 1	0 2 1 1 1 1 2 1 1	0 1 1 1 1 1 1 1	0 1 0 1 1 1 2 0 1	0 1 1 1 1 1 0 1	0 1 1 2 1 2 1 0 1	0 1 2 2 2 1 1 1 1 1 1 1 1	0 1 2 1 1 1 1	0 1 2 1 2 2 1 1 1	0 1 2 1 2 1 1 1 1 1 1	0 1 2 1 1 1 1 1 0	1 1 1 1 1 1 1 0 1	0 1 1 1 1 2 1 1	0 0 1 1 1 1 1 1 1 1 1	0 0 1 1 1 1 1 1 1 1 1	0 1 1 0 1 1 1 1 1 1	0 1 1 1 1 1 1 1
31 MEAN	1	1	1	1	1	1	2	1	1	1 2	2 1	2 1	1	1	2	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 67.6

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 30.9

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - WC NO 27037 NORTH/GENEVA STREET. ST. CATHARINES MONTH - JUN HOUR 10 12 13 15 16 18 19 20 21 22 24 MEAN DAY 2 3 4 5 6 7 8 0 9 11 12 13 14 15 16 17 18 19 20 0 0 0 0 0 ò 0 0 21 22 23 24 25 26 27 28 29 0 0 **** 0 0 0 0 0 0 0 0

PERCENTAGE OF DATA VALID - 95.1

1

MEAN

PERCENTAGE OF DATA INVALID - 4.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

1

1.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

1

1

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

1

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE

	5	TATION	- WC	NO	27037		NORTH/	GENEV#	STI	REET,	ST.	CATH	RINES			MON'	гн - ,	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8	0 0 0 1	0 0 1	1 0 0 0 0 0 1 1 2	1 0 0 0 0 1 1 2	1 0 0 0 0 0 2 1 1	1 0 0 0 1 1 1 1 1	1 0 0 0 1 1 1 1 2 1	1 1 0 0 1 1 1 1 1 2 2	0 0 1 0 0 1 1 1 1	1 0 1 0 1 1 2 1	1 0 1 0 1 1 1 1 2 1	1 0 1 0 0 1 1 1 3 3	0 0 1 0 1 2 1	0 1 0 1 0 1 2 1	1 1 0 1 1 1 1 1 1 1	100021121	1 0 0 0 3 0 1 2 1	1 0 0 0 1 0 1 1 1	1 0 0 0 0 1 1 1 1	1 0 0 0 1 1 1 1 1 1	1 0 0 0 1 1 1 1 1 1	0 0 0 0 1 0 1 1	0 0 0 0 1 1 1 1 2	0 0 0 0 1 1 1 1 2	1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10 11 12 13 14 15 16 17 18 19	1 1 1 2 3 1 1 1		1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 1 1 1 2 2	1 1 1 2 1 1 1 1 1 2	1 2 1 1 1 1 1 1 1 2	1 3 1 1 1 1 1 1 1 2	1 2 1 2 1 1 1 1 3	1 1 1 1 1 1 1 1 1 1 2	1 2 1 1 1 1 1 2	1 1 1 1 1 2 2	1 2 1 1 5 2	0 1 2 2 1 1 1 1 1 1 3	1 1 1 1 1 1 1 3 2	1 1 0 2 1 1 1 3 3 3	1 1 1 2 2	1 3 1 1 1 1 1 1 2	1 2 1 2 1 1 1 1 1 4 2	1 1 0 2 1 1 1 1 2 2	1 1 2 1 1 1 2 2	1 1 2 1 1 1 1 1 1 1	1 1 3 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 2
21 22 23 24 25 26 27 28 29 30	11 00 11 11 11 11 11 11 11 11 11 11 11 1	1 1 1 1 1	1 1 0 1 1 1 1 1 1 0	1 1 0 0 1 1 1 1 1 1 1 1 1	1 1 1 1 2 1 1 0 0	1 1 1 1 1 2 1 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 0 3 1	1 1 2 0 1 1 1 0 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 0 1	0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 0 1 3 1 0 1 0	1 1 2 0 1 3 1 0 0 0 0 1	1 1 0 0 0 0 1	1 1 1 0 2 1 1 0 0	1 1 0 2 3 1 0 1 0 0	1 1 1 0 2 1 1 1 1 0	1 1 1 1 1 1 1 0 0	1 2 1 0 1 1 1 1 0 0 0	1 2 1 1 1 2 1 1 0 0 0	1 1 1 1 1 1 1 1 1 0 0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	T - 5	SULPH	UR DIO	XIDE							U	NITS	- 0.0	DI PAR	TS/MI	LLIO	N						
	STA	TION	- wc	NO	27037		NORTH/	GENEVA	STR	REET.	ST.	CATH	ARINES			MONT	н - д	UG	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MI	EAN
1 2 3 4 5 6	0 1 1 0 1 0 0	0 1 1 0 0 0 0	01102000	0 1 1 0 2 0 0	0 1 1 0 2 0 0 0 0	01102000	0 1 0 2 0 1 0	0 1 1 0 2 0 0 0	0 1 1 0 3 0 1 0	0 1 1 1 2 0 0 0	1 1 2 0 0 0	0 1 1 1 0 0	1 0 1 2 2 0 0 1	0 0 1 2 2 0 0 1	1 1 1	1 1 2 1 1 0 0 1	1 1 4 1 1 0 0 1	0 1 2 1 0 0 0 1	1 1 1 1 0 0 0 1	1 1 2 1 1 0	1 1 1 1 0 0	1 1 1 1 1 0 1	1 1 0 0 0 1	1 1 1 0 0 1	0 1 1 1 0 0
8 9 10	0	0	0	0	0	0	1	1	-		1	1	1	1	1 2	1 2	0	0	0	0	1	0	0	1	0
11 12 13 14 15 16 17 18 19 20	1 3 1 1 1 1 1 3	1 2 1 1 0 1 1 1 2 1	0 2 1 1 0 1 1 1 1 1 1	1 2 0 1 1 1 1 1	1 2 0 1 0 1 1 0	1 2 1 1 1 1 1 2 1	1 2 1 1 0 1 2 2 4 1	2 2 0 1 0 1 2 1 5 1	1 1 0 0 0 1 1 1 4 1	1 1 0 0 1 2 1 2 2	1 1 0 0 1 1 1 2	1 1 0 1 0 3 1 1	1 2 1 0 1 1 3 1 0 5	1 2 1 1 1 1 1 1 0 3	1 2 1 1 0 1 1 0 3	1 4 1 1 0 0 1 1 0 4	1 1 0 1 0 2 1 0 2	1 0 0 0 1 1 0 1	1 0 1 1 1 1 1 1 0 2	1 1 1 1 0 1 1 0 1	1 1 1 1 1 1 0 1	1 2 1 1 1 2 1 1	2 1 2 1 1 3 1 2	2 1 1 2 1 1 5 1 1	1 2 1 1 1 1 1 1 2
21 22 23 24 25 26 27 28 29	1 1 1 4 3 1 1 1	1 1 1 1 2 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 1 2 1 1 1	0 1 1 1 1 1 2 1	0 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 2 2 1 1 1 1	1 2 1 1 1 1 2 1 1 3	1 2 1 1 2 1 1 1 1	1 1 1 1 2 2 1 1	1 1 1 3 1 1 1 1 1	1 1 1 1 2 1 2 1 1	1 2 1 1 1 1 1 1	1 2 1 1 1 1 1	2 3 0 1 1 1 1 1 1 1 1	1 2 1 1 1 1 1 1 1 1	1 1 1 1 2 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 2 2 3 1 1 1 1	1 1 2 2 2 1 1 1 1	1012321111	1 1 2 4 3 1 1 1 1 1 1	1 1 1 2 1 1 1 1 1 1
31 Mean	1	1	1	1	1	1	1	1	1	1	2	3 1	2	1	1	1	1	1	1	1	1	1	2 1	2	1 1.0

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - " " INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION -	WC	NO 2	27037		NORTH/	GENEV	A ST	REET,	ST.	CATH	ARINES	6		MONT	rH - 9	EP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 1 5 2 0 1 1 0 1 1	2 1 5 2 0 1 1 0 2 1	2 1 2 2 0 0 1 0 2 1	2 0 1 2 0 1 1 1 1 1	2 1 1 2 0 1 1 1 1 1 1 1	2 0 1 1 1 1 1	2 2 2 0 1 1 1 2 1	1 1 2 1 1 1 1 1 3	2 1 2 1 1 1 2 2 2 1	1 0 1 2 1 1 3 2 2 1	1 **** 1 1 1 3 2 2 1	1 1 1 2 1 1 2 1 2	1 1 2 1 1 2 2 2 1	1 1 0 2 1 1 2 2 2 1	1 1 0 1 1 2 2 2 1	1 1 1 1 3 2 2 1	1 1 2 1 1 4 2 2 1	1 1 1 2 4 2 2 1	1 1 1 1 2 5 2 1	1 1 1 1 1 1 1	1 2 1 1 1 1 2 1	1 2 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 2 1 1 2 1 2
11 12 13 14 15 16 17 18 19	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 1 2 1 0	1 2 1 2 1 1 1 1 1 1 1	1 1 1 2 1 1 1	1 1 3 1 1 1 1 1	1 1 2 2 2 1 1 1 1 1	1 1 2 2 3 1 1 1 1 2	1 1 * 3 2 2 1 1 1 1	1 1 *** 2 2 2 1 1 1 2	1 1 1 1 2 2 1 1 1	1 1 2 2 2 1 1 1 1	1 2 1 1 2 2 1 1 1	18	1 2 2 2 7 * * * * 1 1 1 1 0 0	1 2 3 1 **** 1 1 0 1	1 1 1 2 1 1 1 1 1 1 1	1 1 2 2 2 1 1 1 1 1	1 2 2 3 2 2 1 1	1 1 3 2 2 1 1 1 1 1	1 1 2 2 2 2 1 1 1 1	2 1 2 2 1 1 1 1 3	3 1 2 1 1 2 1 1	2 1 2 1 2 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1	1 1 2 2 2 2 1 1 1 1
21 22 23 24 25 26 27 28 29	1 1 1 2 1 2 1 1	1 1 1 1 1 2 1 1	1 1 3 1 2 2 1 2 1	1 1 2 2 1 2 1 1	1 1 1 2 2 1 2 1 2	1 1 1 2 2 1 1 1 2	1 1 2 2 2 1 1 1 2	1 1 2 2 1 1 1 2	2 2 1 1 1	2 1 ***** 1 2 3 1 1 1 1	2 1 2 2 1 1 1 1 1	1 1 **** 1 1 1 1	1 0 1 1 1 1 1 2 2	1 1 1 2 1 1 1	1 1 1 1 2 1 1 2	1 1 1 2 1 1 2 1 1	1 1 1 2 1 1 2 1 1	1 1 1 1 1 2 2 1	1 1 2 1 1 2 2 2 2 1	1 1 2 1 1 2 2 2 1	1 1 2 1 1 2 2 1 1	1 1 2 1 1 2 2 1 1	1 1 1 1 1 2 2 1	1 1 1 2 1 2 1 1 1 1	1 1 1 1 2 1 1 2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	Ţ	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	.UTANT	- SI	ULPHU	R DIOX	IDE							U	NITS	- 0.0	DI PAF	RTS/MI	LLION	ı						
	STAT	ION -	WC	NO 2	7037		NORTH/	GENEV	A ST	REET.	ST.	CATH	ARINES			MONT	rH - 0	CT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	1.0	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	EAN
1 2 3 4 5 6 7 8 9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 0 1 1 1 1 1 1	1 1 2 1 1 1 1 1	1 1 2 1 1 1 1 1 1	1 1 3 2 1 3 1 1 1	1 1 3 * 1 1 2 1 1 1	1	1 1 2 1 1 *****	1 2 2 2 1 *****	1 2 1 1 1 1 1 1 1 1 1 1	1 1 1 2 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 2 1 1 1 1 1	1 1 1 1 1 0 1 1 2	1 1 1 2 1 1 1 2 2	1 1 3 1 1 1 1	1 2 1 1 1 1 1 1	1 1 2 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 2 1 1 1 1	1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19 20	1 4 3 0 3 1 1 1	1 3 3 0 1 1 1 1 1	2 2 0 1 1 1 0 3	2 2 1 1 1 1 0 2	2 2 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 2	2 1 1 2 1 3 1 2 2	2 2 1 1 1 1 2 1 1 1	2 2 1 1 1 1 1 1 1 1 1 1 1 2	1 2 1 1 1 1 1 1 2	1 1 0 1 2 2 1 2 3 1	1 1 2 1 1 2 2 2	1 1 0 1 2 1 1 2 1 2	1 0 1 1 1 1 1 3	1 1 1 1 1 2 3	2 1 1 2 1 1 2 1	2 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 0 1 0 1 1 1 1	1 2 0 1 0 1 1 2 1 1	1 2 1 1 0 1 1 1 1 1	2 2 1 2 0 1 1 2 1 1	2 3 1 2 0 1 1 1 1	3 1 2 0 1 1 1	6 3 0 2 1 1 2 1	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 1 1 1 2	0 1 3 1 1 1 1 1 1 1	1 1 3 1 1 1 1 1 1	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 1 1 1 2	1 1 3 1 1 0 1 1 2	1 3 1 1 1 2 1 2	1 **** 1 2 1 1 1 1 1 3	1 0 1 2 1 1 1 1 4	1 1 1 1 4	1 0 1 1 1 1 - 1 3 4	1 0 1 1 1 1 2 4	1 0 1 1 1 1 2 3	1 1 1 1 2 3	1 1 1 1 3 3	1 1 1 1 1 1 1 3	1 1 2 1 1 1 - 1 4	1 1 2 1 1 1 1 4	2 1 2 1 1 1 1 3	1 1 2 1 1 1 - 1 3	1 1 1 1 1 1 1 1 3	1 1 2 1 1 1 1 1 1 1 3
31	3	2	1	1	0	0	0	0	0	0	1	1	0	o	0	0	0	0	0	0	0	1	2	2	1
MEAN	1	1	1	1	1.	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	STA	TION .	wc	NO	27037		NORTH/	GENEVA	ST	REET,	ST.	CATH	ARINES	•		MONT	H - N	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 1 1 5 0 2	0 1 1 1 1 5 1 2	0 2 1 3 1 1 0 0 2	0 2 1 2 1 1 0 0	2 1 1 0 0 1 1	0 1 1 1 1 0 0 1 1	0 2 2 1 2 1 0 0 2	0 3 2 3 4 1 0 1 1 2	1 2 2 4 3 2 0 0 2 1	2 2 1 4 5 1 0 1 1	8 1 3 2 1 0 2 2	3 1 **** 1 1 0 7 3	1 1 1 0 - 3 0	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 0 1 1 1 1 1 4 0	1 1 0 1 1 1 2 - 3 1	1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 0 1 1 1 1 2 1	1 1 1 1 1 2 - 2 1	1 1 3 2 - 1 1	1 2 2 1 1 5 1	1 2 2 1 1 4 1 - 1 2	1 2 4 1 1 1 1 1 1 1 1 1	1 2 4 1 1 1 3	1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19	1 1 0 0 1 2 1 0 1 1	1 1 0 0 1 2 1 0 1 3	0 1 0 1 1 2 0 1 5	0 1 0 1 1 1 2 1 1 1 1	0 0 0 1 1 1 2 1 1 1 1	1 1 0 1 1 1 1 1 2	1 1 1 1	1 1 0 1 1 1 2 1 1 1 3	1 1 0 1 1 1	0 1 1 0 1 1	1 0 0 1 3 0	1 1 0 0 5 0 3 0 1 2	1 0 0 1 2 0 3 0 4	1 0 0 1 0 0 3 0 0 2	1 0 0 1 0 0 4 0 0 1	0 0 0 1 0 1 4 0 0	0 0 0 1 0 1 3 0 0 2	1 0 0 1 1 1 2 0 0 2	1 0 0 1 1 1 2 0 3	10000212005	1 0 0 0 2 2 2 1 1 2	1 0 0 0 1 2 2 1 1 1 1	1 0 1 1 1 2 1 1 2	1 0 0 1 2 1 1 1 1 1 1	1 0 0 1 1 1 2 0 1
21 22 23 24 25 26 27 28 29 30	0 0 0 1 1 2 1 1 0 1	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 1 1 1 1 0 1	2 0 0 1 1 1 1 1 0 1	1 0 0 1 1 1 1 1 0	1 0 1 1 1 0 0 1	1 1 1 1 2	1 0 1 1 1 0 1 2	1 0 1 1 2 1 0 0 1 1	1 1 1 1 0 0	1 0 0 1 1 1 1 1 1 1	1 0 1 1 2 1 1 0 1	1 0 1 1 0 1 1	1 0 0 1 3 0 0	2 0 0 1 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 1 1 3 0 0 0 1 1	2 0 0 1 3 0 0 1 1	1 0 1 3 0 1 0 1	1 0 1 1 3 1 1 1	0 0 1 1 4 1 1 1 1 1 1 1	0 0 1 3 1 1 0	0 0 1 1 3 1 1 0	0 0 1 1 3 1 1 0	0 0 1 1 3 1 0 1 1	1 0 1 1 2 1 1 0 1

PERCENTAGE OF DATA VALID - 96.9

MEAN

PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION NORTH/GENEVA STREET, ST. CATHARINES MONTH - DEC 76 STATION - WC NO 27037 10 11 12 13 14 16 17 18 22 HOUR 8 9 15 19 20 21 23 24 MEAN DAY 2 0 1 0 3 1 2 3 4 5 6 7 8 9 10 2 2 0 0 0 2 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 31 2 MEAN 1.8

PERCENTAGE OF DATA VALID - 94 0

PERCENTAGE OF DATA INVALID - 4.8

PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

TATION - W	C NO 27037	NORTH/GENEVA	STREET, ST. CATH	HARINES	
MONTH	NO	OF DAYS	AVERAGE CONCE	NT 24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA	UNAVAILABLE	
FEB			DATA	UNAVAILABLE	
MAR			DATA	UNAVAILABLE	
APR			DATA	UNAVAILABLE	
MAY		21	1.0	2	8
JUN		29	1.0	2	13
JUL		31	0.9	2	5
AUG		31	1.0	2	5
SEP		30	1.3	2	5
oct		30	1.2	3	6
NOV		29	1.1	2	8
DEC		29	1.8	3	8
YEAR		230	1.1	3	13

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

PULLUTANT - 50	CPHI	אנ ט	TOX	UE											UN	115 -	0.01	PARIS,
STATION - WC	NO	270	37		NOR	TH/	GEN	EVΑ	STR	EET	, s	Τ.	CAT	HARI	NES			
MONTH OO	TO	04	05	TO	10	11	TO	14	15	ТО	25	26	то	39	40	&OVE	3	TOTAL
JAN			DAT	ΓĄ	UNAV	AIL	ABL	E										
FEB			DAT	Α	UNAV	AIL	ABL	E										
MAR			DAT	A	UNAV	AIL	ABL	E										
APR			DAT	Α	UNAV	AIL	ABL	E										
MAY		501			2			0			0			٥		9	0	503
JUN		682			2			1			0			0			ס	685
JUL		732			1			0			0			0		9)	733
AUG	1	732			3			O			0			0		9	0	735

•	73.	~	o.		~		,	
)	71	0	0	0	0	3	707	SEP
5	72	0	0	0	0	1	724	OCT
3	69	0	0	О	0	10	688	NOV
)	69	0	0	0	0	17	682	DEC
3	548	0	0	0	1	39	5448	YEAR

FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT

PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION,	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
93.3	0	0.0	0.2	0.5	0.9	1.7	2.2	3.0	3.8	13	1.1

POLLUTANT	reside.	CITT DULID	DIAVIDE	
POLLUITANI		SULPHUR	DIOXIDE	

	STAT	ION	- WC	NO	29003	N	ORTH	PARK	HAMI	LTON						MON1	rH	AN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1 2 4 5 1 4 7 1 4 6	1 2 3 4 1 7 4 1 5 8	1 2 4 3 1 7 2 1 6 9	1 2 4 2 6 2 1 6 8	1 4 3 5 2 5 2 1 9	1 7 1 6 2 4 4 1 9	1 5 2 1 1 4 2 1 9	1 2 3 2 2 4 2 1 8 7	1 3 5 1 2 5 2 1 8	1 3 3 1 3 7 2 1 6	1 2 2 1 5 5 3 7 5 5	1 2 4 1 4 5 3 5 6 5	1 2 3 1 2 5 4 4 5 4	1 2 3 1 2 7 2 2 5 4	1 2 5 1 2 4 1 2 5 4	1 2 7 1 3 5 1 2 6 3	1 1 5 1 4 9 1 3 5 3	1 1 3 1 6 7 2 4 6 2	1 1 4 1 6 9 3 5 6 2	1 4 1 7 8 2 7 4 3	1 1 2 1 5 6 5 8 3 4	1 3 5 2 4 11 4 8 4 2	1 2 5 1 5 9 2 8 5 2	1 3 6 1 5 8 1 6 5 2	1 2 4 2 3 6 3 3 6 5
11 12 13 14 15 16 17 18 19	2 1 5 1 3 0 1 0 3 2	2 1 4 3 4 1 1 0 3 3	1 9 4 4 0 0 4 3	1 10 2 6 1 0 0 4 2	2 1 8 2 6 1 1 0 4 3	2192811054	2 1 8 4 6 1 1 0 6 4	2 1 7 4 5 1 1 0 7 2	2 1 7 5 7 1 0 1 9 3	2 10 4 6 1 0 0 5 3	2 9 3 5 1 0 0 4 3	2382220053	2 2 8 3 1 1 0 0 6 4	1 3 8 3 1 1 0 0 5	1 4 4 2 1 2 0 0 3 3	1 4 3 2 1 1 0 1 6	1 4 2 3 2 1 0 1 5 1	1 3 1 4 1 0 2 4	1 4 1 5 1 0 0 2 7	1 5 1 7 1 1 0 3 8 3	1 4 1 8 1 1 0 3 3 5	1 4 1 8 0 1 0 2 1 6	1 5 1 5 0 1 1 2 1 7	1 4 1 1 0 1 0 2 1 8	2 3 5 4 3 1 0 1 5 3
21 22 23 24 25 26 27 28 29 30	5 1 2 1 2 1 2 1 3 1	3 1 2 1 2 1 1 1 1 4 1 1	2 1 2 1 1 1 4 1	2 1 3 1 2 1 1 2 3 1	3 1 3 1 2 1 1 2 2 1	2 2 3 1 2 1 1 3 3 1 0	1 1 5 1 2 1 1 2 3 1	2 1 4 1 2 2 1 3 1 1 1	2 1 6 2 2 2 2 3 1 2	2 1 5 2 2 2 1 3 1 2	3 0 4 1 3 2 1 4 1 2 2	2 1 3 2 1 4 1 2 2	2 1 2 2 3 2 1 3 1 3 2	1 2 2 3 2 1 3 1 6	1 1 2 1 2 2 1 3 1 3 3	2 1 3 1 2 4 1 3 1 3 3	3 0 3 1 2 3 1 3 1 2 4	4 1 2 0 2 2 1 2 1 2 5	4 1 1 1 1 1 1 2 1 1 1 4	2 1 1 0 1 1 1 2 0 1 3	2 1 1 0 1 1 1 4 0 1 1 4	2 1 1 0 1 1 5 0 1 4	1 1 1 1 1 6 0 1 1 3	1 1 1 1 1 1 1 1 4 0 1 1	2 1 3 1 2 2 1 3 1 2 2

MEAN 2 2 3 3 3 3 3 3 3 3 3 3 3 2 2 2 2 3 3 3 3 2 2.6

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTAN	τ -	SULPH	UR DI	OXIDE								UNITS	· o.	01 PA	RTS/M	ILLIO	N							
	ST	ATION	- WC	NO	29008		NORTH	PARK	HAMI	LTON						MON	TH -	FEB	76							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5	4 1 4 4	4 1 5 0	5 1 9 4 0	4 1 10 6 1	4 1 10 7	4 1 7 7 0	4 1 5 8 0	5 1 7 8 1	3 5 6 1	6 1 5 3	5 1 4 3 2	5 1 4 2 2	5 1 4 •••• 2	4 2 6 ••••	3 6 1 3	4 4 5 1 2	3 5 6 1 1	2 6 5 1 1	2 7 7 1 1	1 6 8 1 1	1 6 9 1 0 4	1 6 9 0 1 4	1 5 7 0 1 4	1 5 7 0 1 5	3 3 6 3 1 2	
6 7 8 9 10	1 4 2 1 5	1 7 2 1 7	7 2 0 8	1 5 2	7 2 1	7 2	2 1	5 2	3 3 1	4 2	5 2 2	1 2	1 2	1	1	1	1	6	0	5	6	1	3 1 5	3 1 6	5	
11 12 13	1 3	1	1	2	2	1 5	1 6	**** 1 5 0	1 1 0	1	1	3	4 1 0	6 1 0	1 5 1 0	3	1 3 0	1 5 0	1 5 0 1		5	0 5 0	0 4 0	0 4 0	3 2	
14 15 16 17	0	1 0	0 1 2 0	0 1 4 0	0 4 0	0 4	0 0 3	1 4	1 1 0	1 0	1 0 1	1	1	1 0	1 0 0	0 0	0 0	0	1 0 0 0 3	1	2 0 0		3 0 0	0 0 2	ò	j
18 19 20	0 3 1	3	0 4 1	0 4 1	4	4	4	3	3	3	4	1	1	3 1	1	3	3 1 0	3	1	1	1	2	2	1	3	E .
21 22 23 24 25 26	1 0 1 3 1 2	1 0 1 3 3	1 0 2 4 1	2	3 1 3	3	0 3 3 1	1 0 3 3	4 2	3	1 0 3 4 4	4	4	4	4	4	1 3 4 4	1 2 4 4	1 2 5 10	1 2 5 5	2	1 3 2 3	1 3 1 4 1	1 2 2 4	1	3 5 2
27 28 29 MEAN	1 1 1 2	2 1 0	3 1 2	3 3 1 2	1	3 2 1	1	3 2 1 2	2 1 1	2 1 1 2	1 1 1 2	1 2 2	_	1 2 3	2		1 2	1 1 2	1 1 1 2	1	1 1	1 1 2	1 2	1	2.0	

PERCENTAGE OF DATA VALID - 92.1

PERCENTAGE OF DATA INVALID - 7.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	CT.	TION		NO.	00000		ODTU	0.04		+0						***									
	SIA	TION -	WC	NO 2	29008	N	UKIH	PARK	HAMI	LIUN						MON	rH - M	AR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9 10	0 1 1 0 0 1 3 1 1 1	0 1 0 0 1 2 1 1 1	0 1 1 0 0 1 2 1 1 1	1 1 0 0 1 2 1 1 1	1 1 0 0 1 1 1 1 2	1 1 0 0 1 1 1 1 2	0 1 1 0 0 1 2 1 1 2 2	1 1 0 0 2 4 1 1 2	1 1 0 0 2 4 1 1 2	1 1 0 0 0 2 2 1 2 3	1 1 0 0 1 2 1 2 3	1 1 0 0 0 1 2 1 2 3	1 1 0 0 2 2 2 1 3 3	1 1 0 0 2 1 1 1 2 3	1 1 0 0 2 1 1 1 1 3	1 1 0 0 3 1 1 1 1 2	1 1 0 0 2 2 1 1 1 2	1 1 0 0 1 3 1 1	1 0 0 1 3 1 1 1 3	1 1 0 0 2 2 1 1 1 1	1 1 0 0 2 2 1 0 1 1	1 1 0 0 3 3 1 0 1 1	1 1 0 0 2 5 1 0 1 1	1 0 0 1 4 1 0	1 1 0 0 1 2 2 1 1 2
11 12 13 14 15 16 17 18 19	1 1 0 1 3 0 0 1 1 3 3	1 1 0 2 6 0 0 1 1 2	† † † 2 5 0 0 2 1 4	1 1 2 2 0 0 2 1 4	1 1 3 1 0 0 1 1 3	1 1 3 1 0 1 2 2 2 2	1 1 3 1 0 1 1 5 2	1 1 4 1 0 0 2 3	1 1 3 1 0 1 3 3 2	1 1 2 2 3 2	1 1 3 3 ***** 0 0 1 3 2	1 1 1 2 **** 0 0 0 0 3 2	0 1 2 0 0 0 1 3 2	0 1 2 0 0 0 2 3 5	1 0 1 2 0 0 0 2 3 4	1012010334	1011020235	1011020335	0 0 1 2 0 1 0 3 3 4	1012000363	1003000332	1004001253	1005001143	1 1 1 4 0 1 1 1 2	1 1 3 1 0 0 2 3 3
21 22 23 24 25 26 27 28 29 30	4 0 4 5 4 0 0 1 0 0	20412300100	3 0 5 10 2 0 0 0 0	3 0 3 8 1 0 0 1 0 0	2 0 4 8 1 0 0 1 0 0	3 0 5 10 3 0 0 1 0 0	3 1 5 9 3 0 0 1 0 0	1 0 5 8 1 0 1 1	3 1 5 8 1 0 1 0	3 1 6 6 2 0 1 0 0	3 2 4 6 1 0 1 0 0	1 5 3 4 1 0 1 0 0	0 2 2 3 1 0 1 0 0 0	0 1 2 3 1 0 1 0 0	0 1 2 3 1 0 1 0 0 0	2 1 2 4 1 0 2 0 0 0	0 1 3 4 1 0 2 0 0 0	0 1 2 7 1 0 2 0 0 0	0126002100	0126002100	0135002100	0 2 2 3 0 0 2 1 0 0	0227002000	0 4 3 4 0 0 1 0	1 1 3 6 1 0 1 1
31 MEAN	1	1	1	1	1	2	2	1	2	2	2	0	0	0	0	0	1	0	0	0	0	0	0	0	1 1.3

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - SULPHUR DIOXIDE UNITS + 0.01 PARTS/MILLION																								
	STA	TION	- WC	NO 2	9008	N	IORTH	PARK	HAMIL	TON						MONT	гн - д	PR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1 2 1 2 0 2 0 0	2 2 1 1 3 1 2 0 0	2 2 1 1 1 1 1 0 0	2 2 1 1 2 1 1 0 0	1 1 1 1 1 0 0	2 1 1 1 3 1 1 0 0	2 1 1 2 1 1 0 0	1 1 1 3 2 1 0	1 1 1 1 4 2 1 1	2 1 1 2 2 1 1 0 0	1 1 2 1 3 2 1 1 0 0	1 1 3 2 2 1 1 1 0 0	2 1 3 1 2 1 1 0 0	2 1 2 1 1 1 1 0 0	2 1 2 1 1 1 0 0	2 1 2 1 1 0 0 0	2 1 2 1 3 1 1 0 0 0	1 1 1 1 0 0 0	3 1 1 1 3 2 1 0 0	2 1 2 1 3 2 1 0 0 0	2 1 2 1 4 1 1 0 0 0	3 1 1 2 5 1 1 0 0	3 1 1 2 1 1 0 0 0	2 1 1 1 2 1 1 0 0	2 1 1 2 1 1 0 0
11 12 13 14 15 16 17 18 19 20	0 0 1 4 7 2 2 1	0 0 1 3 6 1 2 1 2 1	0056512221	0 0 3 4 9 1 2 2 3 1	0 0 2 3 4 1 2 2 2 1	0 0 3 2 6 2 2 3 1	000000000000000000000000000000000000000	0 0 2 2 3 3 2 3 3 1	0 0 2 2 4 2 2 4 3 1	0 0 3 3 3 3 2 3 3 1	0 0 4 3 4 2 3 3 3 2	0 0 3 2 4 2 3 3 3 3 2	0	0 0 2 3 3 3 3 3 3 3	0 1 2 3 3 3 3 4 3 2	0 1 2 4 3 3 3 3 3 3 3 3	0 1 2 4 4 3 4 4 3 2	0125335332	0 1 4 6 3 4 3 4 4 1	0 1 4 4 3 3 2 4 4 1	0 2 5 4 2 3 2 3 2 1	C 4 6 3 2 3 3 2 2 1	0335321211	0 4 2 7 3 2 1 3	0 1 3 4 4 2 2 3 3 1
21 22 23 24 25 26 27 28	1 0	1 0	0	0	0	0	0	1	1	1	1	- DAT - DAT - DAT	A UNI A UNI A UNI A UNI	AVAILI AVAILI	ABLE ABLE ABLE ABLE	·	1	1	1	1	1	0	1	1.	1
29 30	1	Ĭ	1	5	2	1	1	2	2	1	1	2	2	3	1	3	2 3	2	2	2	1	1 2	1 3	1 ** 3	****
MEAN	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 76.9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 22.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

Section in		The second second second		
POL	LUTANT	SULPHUR	DIOXIDE	

	ST	ATION	1 - WC	NO	29008	3	NORTH	PARK	(HAM]	LTON						MON	TH -	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 1 2 4 2 2 1 1 3	0 3 2 5 3 1 1 2 3 0	4	0 3 3 4 4 1 1 5 2	3 4 3 1 1 5	0 4 4 2 3 1 1 3 2 0	0 3 4 1 4 0 1 2 1 0		0 2 1 1 4 0 1 2 1 0	0 3 1 5 0 1 1 1	0 2 1 1 3 0 1 1 1	0 3 2 1 3 0 1 1 1 1 1	2	1 2 2 2 3 0 0 1 2 1	1 2 1 2 3 **** 1 1 2	2	0 2 3 2 4 0 0 2 2 1	1 2 2 2 4 1 0 2 2 1	1 2 1 4 3 0 0 2 2			0222310221	0 2 3 2 2 1 1 2 2 1	0 3 4 2 2 0 1 2 2	2 2 3 3
11 12 13 14 15 16 17 18 19	2 3 1 1 0	3 1 1 0	2 **** 3 1 1 1 0 ****	3 1 0 1	2 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 0 1	2 1 0 1 0	2 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 1 1 0 0 5		2 4 1 1 0 0 0	3 3 1	3 3 1 0	1 4 4 1 0 1 1 0 3	1 4 4 2 1 1	1 3 3 2 1 2	2 3 3 2 1 3	1 3 3 2	2 3 3 2 0 1	2 2 2 2 1 1 1 2	2 2 2 2 2 1 1 1	2 2 1 0	4 1 2 1 0 1	3 1 1 1 0 0	
21 22 23 24 25 26 27 28 29 30	2 1 0 1 0 2 0 0 0 0	1 1 0 2 0 0 0	2	1 0 1 0 0 2 0 0 0	100200	0	1 1 2 0 0 2 0 0 0 0	1 1 0 0 1 0 0 0 0			1 1 0 2 1 0 0 0	0 1 1 1 0 2 2 0 0 0	2 0 0	2 2 2	2 0 0		2 1 1 1 2 2 2 0 0	2 2 2 0	1 1 1 2 1 3 0	1	1	1 1 1 2 1 3 0	1 1 0 2 1 3 0 0 0	1 0 0 0 2 1 2 0	1 1 1 2 1 0 0
31	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 90.2 PERCENTAGE OF DATA INVALID - 9.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION																								
	ST	ATION	- WC	NO	29008	3	NORTH	H PAR	(HAMI	LTON						MON	ITH -	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	0 0 0	0 0 0	0 0 0	0 0 0	0	0 0	0 0	0 0	0	0 0 1 0	0 0	0 0 1 0 -		O O 2 O INVALI INVALI		0 0 1 0	1	0 0 1	0 0 1	0 0	0 0	0	0 0	0 0	0 0 1
7 8 9 10	0 0 1	1 0 1	1 0 3	2 0 3	1 0 5	1 0 2	2 0 3	2	2 0 4	1 0 4	1 ••••	0	····3	1 1 1 2	1 1 3	1 1 3	1 1 3	1 1 1 4	1 1 1 5	1 1 1 3	1 1 4	1 1 4	3 4	3 3	1 1 3
11 12 13 14 15 16 17 18 19 20	3 0 0 4 2 0 0 1 0	4 0 0 0 2 1 0 0 1 0	5001120010	4 0 0 1 2 2 0 0 1 0	5 0 2 2 1 0 0	0 0 1 4 1 0 0 0	5002320000	0 3 3 1 0	5002320000	2003220000	2003210000	2003320000	200000	3 0 0 3 2 1 0 0	2 0 0 4 2 1 0 0 1 1	0 0 3 3 2 0 0	0003120011	0 0 4 1 1 0 0 0	0 0 3 1 2 0 1 0 0	0 0 3 1 1 0 0 0	0 0 0 3 1 1 0 1 0 0	0 0 7 0 2 0 1	0 0 0 4 0 5 0 1 0	0003110100	2 0 0 3 2 2 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 1 1 1 5 1 4 0 0	0 0 1 0 1 3 0 2 0 1	0 0 1 0 0 2 1 3 0 0	0 0 1 0 1 2 0 2	0 1 0 2 3 0 2	0 1 0 2 4 0 1 3	0 1 0 1 9 1 2 2	0 1 0 0 8 0 4	0 1 0 0 6 1 2	0 0 1 3 0 3 2 1 1	1 2 0 3 3 2	4 2 2 1	0 1 2 1 1 6 2 2 2	1 2 5 1 5	0 1 2 6 1 5 2 6	0 1 2 1 8 2 2 0	0 1 2 7 0 7 5 2 2		0 1 2 1 0 5 5 1 1	0 1 2 0 2 2 4 0 1 0	0 1 2 1 5 1 6 1 1	0 1 0 5 2 3 1 1	0 1 1 0 6 1 7 1	0 1 1 0 8 1 8 0 0	0 1 1 1 2 4 3 2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1		1	2	1	2	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 88.3

PERCENTAGE OF DATA INVALID - 11.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " *** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

																	700								
	STA	TION	- WC	NO	29008	3	NORTH	PARK	HAMI	LTON						MON.	тн	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	0 5 0 0 1 2 2 6 2 2	0 8 0 0 1 2 3 2 1	0 7 0 0 0 1 2 5 1	1 7 2 0 0 1 5 4 2	0 10 5 0 0 1 4 2 2	**** 7 2 0 0 1 3 3 1 3	0 8 1 0 1 1 6 2 2 2	0 5 1 0 1 1 2 1 3 9	0 3 1 1 7 2 2 3	0 4 1 0 2 2 2 2 2 2 2 2	0 6 1 0 1 3 3 3 2 2	0 1 0 1 3 2 2 2 2	0 2 1 0 2 2 2 2 2 2 2	0 1 0 1 2 2 2 2	2 1 0 1 1 2 2 2 2 2	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 2 2 6 2 2 1	0 1 0 2 3 3 4 2 3 2	0 1 0 0 2 2 1 2 3 2	1 1 0 1 2 3 2 2 2 2 2	4 0 0 2 3 3 2 2	5 0 0 0 2 2 3 1 3 2	5 0 1 1 2 5 1 2	4 0 0 1 1 7 0 2 2	1 3 1 0 1 2 3 2 2 2
11 12 13 14 15 16 17 18 19	1 0 1 1 3 0 5 5	1 1 1 1 2 0 8 4 3	1 1 3 1 1 5 6 6	1 1 2 1 1 2 2 5 5	1 1 2 1 1 2 2 3 5	1 1 1 1 1 1 2 2 4	1 2 1 1 1 1 5 2 5	2 1 1 2 0 1 1 5 4 7	2 1 1 3 1 1 0 2 3 6	2 1 1 2 0 1 1 3 3 7	2 1 2 1 2 1 2 4 7	2 1 1 1 0 1 3 5 6	2 0 1 1 2 0 1 3 4 7	3 0 2 2 2 0 1 2 4 8	2 0 1 1 1 0 1 1 4 7	3 1 2 1 2 0 2 1 4 6	2 0 1 1 2 0 2 1 4 6	2 0 2 1 2 0 2 1 5 6	2 0 1 1 3 1 1 5 6	1 0 2 1 2 0 1 3 6 5	1 0 1 1 2 0 2 11 6 5	1 1 0 1 2 0 2 5 6 3	1 1 1 1 2 0 1 8 6	1 1 1 2 0 2 8 4 4	2 1 1 1 1 1 4 4 5
21 22 23 24 25 26 27 28 29 30	3 0 1 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 1 0 0 0 3 0 0 0	1 0 1 0 0 1 4 1 0 0	1 0 1 0 0 1 2 0 0 0	1 0 1 0 0 1 3 0 0 0	1 1 0 0 2 2 0 0 0	0	1 0 0 0 5 1 0 0 0	1 1 0 0 0 3 2 1 0 0	1 1 0 0 0 2 2 1 0 0	1 0 1 3 4 2 0	0 1 0 1 3	1 1 0 0 4	1 0 1 0 4 2 1 0 1	1 1 0 0 4 2 1	2 1 1 0 0 3 2 0 0 1	2 1 1 0 0 4 1 0 2	2 1 1 0 1 5 1 0 0 2	1 1 0 0 0 7 1 0	1 1 0 1 5 1 0	1 0 0 2 4 1 0	1 1 2 3 4 0 0	0 1 0 0 2 3 0 0	0 1 0 0 1 4 0 0 0	1 1 1 0 1 3 2 0 0
31	2	2	1	1	3	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	2	2	2	2	2	1	2	2	2	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION																								
	STA	TION -	WC	NO 2	9008		NORTH	PARK	HAMI	LTON						MON	гн - ,	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 2 1 1 1 0 0	0 0 0 1 3 1 1 1 0 0	0 1 3 1 1 0 0 1	0 0 0 3 5 2 1 1 0	0 0 0 1 8 1 1 1 0 0	0 0 1 2 8 1 0 1 0	0 0 8 5 1 1 0 0	0 2 3 6 1 0 0	0 0 8 3 4 2 1 1 0	0 0 4 3 10 2 1 0 0	0 0 3 2 9 1 1 0 0	0 0 3 3 9 1 1 0 0 2	0 0 3 **** 9 1 1 0 0	0 0 2 3 10 1 1 0 0	1 0 1 5 8 1 1 0 0 2	0015511023	0 1 7 4 1 1 0	0 0 1 7 4 1 1 0	0 0 1 8 4 1 1 0 1 3	0 0 0 12 4 1 1 0 0 0 2	0 8 14 2 1 1 0 0	0 0 8 5 1 1 0 0 2	0 0 4 4 1 1 1 0 0	0 0 0 3 1 1 1 0 0 2	0 0 2 4 5 1 1 0 0 2
11 12 13 14 15 16 17 18 19	2 4 3 1 1 1 2 1 1 *	2 9 3 1 1 2 1 2 1 2 1	1 8 6 1 1 2 1 1 2	1 8 6 1 1 1 1 1 1 1 1	1 10 6 1 1 2 1 1 1 2	1 9 5 0 1 2 1 1 1 2	1 8 5 1 1 1 2 9	2 10 3 1 1 2 1 2 4	2 8 5 1 1 3 1 3 4 * * * * 2	5 8 7 1 1 2 **** 2	5 6 1 1 2 2 3 2 4	5 4 6 1 1 2 3 3 2 7	5 3 6 1 1 2 3 3 2 17	5 2 6 2 1 2 3 3 3 6	7 3 7 2 1 2 3 2 3 5	B 6 5 2 2 1 3 2 3 4	6 6 3 1 1 2 3 3 5 5	8 6 3 1 1 1 2 3 5	56 2 1 1 2 2 2 2	4 5 2 1 1 2 2 8	3 5 1 1 1 1 1 2 8	3 7 2 1 1 1 2 2 2	2 6 2 1 0 - 1 1 1 3	2 5 1 2 0 **** 3 1 2 3	4641122224
21 22 23 24 25 26 27 28 29	3 3 3 2 1 2 9 5 3 1	4 3 2 1 2 8 5 2 1	5 3 6 2 1 1 6 4 2 1	5 3 5 2 1 1 5 5 2	4 4 3 2 1 5 8 2 1	3 2 2 1 5 4 2	4 6 3 2 **** 1 6 4 2 1	5 7 3 2 **** 2 6 4 2 0	5 7 4 2 **** **** 5 9 2 2	5 6 4 2 3 2 4 7 2 3	5632325513	6 6 3 2 3 2 7 9 1 3	5 5 3 2 3 2 8 6 1 2	4 6 3 2 3 3 9 6 1 2	4 5 3 2 3 7 7 5 1 2	3 5 3 2 3 6 8 8 1 2	3 5 3 2 3 6 7 6 1 2	3 2 2 6 8 4 1	3 4 3 2 3 4 7 5	4 4 3 2 2 4 8 3 1	4 3 1 2 13 6 2	3 5 2 1 2 16 4 4 1	1 4 3 1 **** 10 3 7 1	3 3 2 1 1 6 3 5 2 1	4 5 3 2 2 4 6 5 2 1
31 MEAN	0	0 2	1	0	1	2	11	11 3	9 3	9	9 3	10 3	12	3	8	10	12	13 3	11	18	12 3	14	7	10	8 2.8

PERCENTAGE OF DATA VALID - 97 8 PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE . 0.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	51	m11211	- 70	NO	29008		NORTH	PARK	HAMI	LTON						N (34)	н - :	SEP	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	12 6 15 1 1 5	4 1 5 12 1 0 9 5 1	3 1 3 11 1 0 3 14 1	3 1 2 11 1 0 6 30 1	4 1 2 11 5 1 9 14 1	4 1 2 6 4 1 12 7 1 3	3 5 1 1 9 14 1	3 2 3 6 2 2 17 7	2 2 7 1 1 13 7	2 2 8 1 2 11 10 1	2 1 11 7 1 1 11 10 1	3 1 7 7 1 2 6 8 1	3 1 6 6 1 2 6 7	2 1 6 5 1 4 4 7 1	2 2 9 3 2 6 5 6 1 0	2 1 8 3 1 2 5 5	2 1 7 2 1 2 7 5	2 1 12 2 1 1 9 4 1	2 1 10 2 0 1 8	1 1 6 1 1 5 9 3 1 0	2 1 15 1 0 2 15 3 0	1 1 1 1 0 1 1 2 2	1 2 15 1 0 4 7 1	2 4 13 1 0 2 8 1 0 3	3 1 7 6 1 2 8 8 1
11 12 13 14 15 16 17 18 19	3012610003	3 0 1 1 4 1 0 0 0	2 2 2 3 1 1 0 1 2	3 1 3 2 2 1	3 1 2 1 2 1 1 2 1 1 2 1 1 2 2 1 1 2 2	2 0 1 2 1 1	2 2 1 1 0 0 0 1	2 9 1 1 0 1 1 1	3 11 2 1 0 0 0	4 8 2 1 1 0 0 0 3 1	3 3 5 1 2 0 3	1 4 6 4 2 0 0 0 2 1	1 4 5 4 2 0 0 0 0 2 1	1 3 4 4 2 0 0 1 1	1 2 4 4 2 1 0 0	0 3 4 7 2 0 0 1 1	0345200110	0 3 6 6 2 1 0 0 1 0	0 1 5 6 2 0 0 0 2	0 3 5 6 2 1 0 0 2 0	0 5 5 8 1 1 0 0 4	1 5 2 6 1 1 0 0 3	0 2 3 3 1 1 0 0 2	0 1 2 6 1 1 0 0 3	1 3 3 4 2 1 0 0 2
21 22 23 24 25 26 27 28 29 30	0 5 1 0 2 0 0 1 1 3 5	0 1 0 2 0 0 1 15 3	1 0 3 0 0 1 15 3	0 1 0 3 0 0 1 14 3	0 1 0 4 0 0 0 0	0 1 0 2 0 0 11 2	0 1 0 3 0 0 0 11 2	0 2 1 3 2 0 0 0 0	0 2 2 1 7 0 0 0 1 2	1 3 4 1 3 0 0 1 10 3	2 3 6 1 3 0 0 4 9 3	2331201393	3 6 1 2 0 1 2 9 3	1 2 1 3 0 2 2 10 3	1 1 3 0 2 3 10 3	1 2 1 1 1 0 1 2 9 3	1 2 0 1 1 1 1 1 3	1 1 2 9 3	1 3 9 2	6 0 1 3 0 1 4 10 2	2501100692	1 4 1 3 0 0 7 9	1 2 0 3 0 0 0 7 9	2 2 0 1 0 0 1 10 10 2	1 3 1 1 2 0 1 3 11 3
MEAN	3	2	3	3	3	2	3	3	3	3	3	3	3	2	3	2	2	3	2	3	3	3	2	3	2.7

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - OCT 76 1.1 12 13 14 15 19 20 22 23 24 MEAN HOUR DAY 2 3 4 5 6 7 8 9 10 4 12 13 14 15 16 17 18 19 20 0 ... 0 1 9 22 23 24 25 26 27 28 29 30 2.5

PERCENTAGE OF DATA VALID - 97.3

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- WC	NO 2	29008	1	IORTH	PARK	HAMI	LTON						MON.	TH - N	VOV	75						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 8 1 5 5 1 0 4	1 7 1 6 5 1 0 6	1 1 8 1 1 4 2 0 5	1 4 8 1 6 5 3 0 3 0	1 5 7 1 10 4 3 0 2	1 4 7 1 9 4 3 0 2	1 4 7 0 6 4 1 0 2	1 6 8 1 6 4 4 0 1 7	1 8 8 1 8 3 4 0 1 5	2 6 **** 1 4 3 2 0 ****	2 4 1 2 4 2 0 4 3	2 3 4 1 4 4 1 0 3 2	1 4 3 1 4 4 1 0 2 2	1 6 3 4 1 3 1 1 4 2	1 5 3 1 3 1 4 1	1 4 4 3 1 4 0 0 4 1	1 7 4 3 1 4 0 1 4	1 8 1 4 1 4 0 1 7	1 8 2 2 1 4 0 1 8 1	2 8 1 5 5 0 0 8 1	2 9 1 3 8 4 0 1	3912620261	2612520521	4 6 1 2 5 1 0 3 2	1 5 4 2 4 4 1 1 4 2
11 12 13 14 15 16 17 18 19	1 2 8 6 9 1 11 2 6	1 4 8 7 10 3 8 10 8	2 3 5 7 2 7 9 6	1 4 6 7 9 6 10 9	1 3 3 7 10 2 6 11 6 0	1 6 6 7 6 2 6 9 6 0	1 6 4 8 6 1 5 26 9 0	1 3 3 6 9 2 6 - 9 0	2555512241090	3 2 6 5 6 7 5 0	1 1 5 3 4 6 6 4 2 0	1 1 3 2 2 5 5 2 1 0	1 1 3 2 2 4 5 1	1 2 3 3 2 4 5 1	1 1 2 4 1 3 5 2 1 0	1 1 2 3 1 3 7 2 1 0	1 4 2 2 2 9 3 0 0	2 1 6 2 1 6 8 3 0	5 3 7 6 1 9 7 6 0 0	2 6 6 6 1 7 5 4 0 0	5446184300	6 3 4 7 1 8 6 4 0 0	4 5 4 7 2 8 2 5 0 0	6 10 3 10 2 5 0	2 3 5 5 5 5 6 6 3 0
21 22 23 24 25 26 27 28 29 30	0 3 0 4 1 1 2 1	0 4 3 0 4 2 1 3	0 4 0 5 2 1 3 1	0 5 3 0 4 1 1 3 1	0 5 2 0 3 2 1 3 1 2	0 5 2 0 5 1 1 3 1 4	0 5 2 0 3 1 1 2 1 5	0 5 2 0 1 1 1 2 1 3	0 5 2 0 1 2 1 4 1 5	0 5 1 **** 0 2 1 2	0 4 1 2 0 2 2 1 2 4	0 4 1 2 0 2 2 1 2 4	0403221114	0 4 0 3 5 1 2 1 1	0 4 0 3 2 1 2 1 1 3	0 4 1 3 9 1 1 1 1	0 4 1 2 3 3 1 1 3 2	0 4 1 2 3 2 2 1 3 2	0 4 1 3 2 1 1 1 4 3	0 4 1 4 1 2 3 1 4 4	0 4 1 5 1 1 3 1 4 5	2 4 0 4 1 2 1 5 6	4 4 0 4 1 1 1 4 5	3 0 4 1 1 2 1 6 5	0 4 1 2 3 2 1 2 2 4
MEAN	3	4	3	4	3	4	4	3	4	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POI	POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - WC NO 2900B NORTH PARK HAMILTON MONTH - DEC 76																							
	ST	NOITA	- WC	NO 2	9008	N	IORTH	PARK	HAMIL	TON						MON	тн - п	DEC	76						
DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	5 7 5 1 4 4 0 0 6	5 6 4 1 6 3 0 0 5 1	3531520041	256151 1041	2 5 1 1 5 1 0 3 4	2 5 0 1 4 1 3 0 3 5	6 6 0 1 4 2 1 0 3 5	7 5 0 1 3 1 1 0 2 7	4 3 1 1 2 2 0 0 1 4	2 2 3 1 4 2 0 0 1 4	1 3 1 5 2 0 2 2 5	1 2 1 4 2 0 3 5	1 2 1 3 2 0 1 3 5	1 2 1 4 ***** 0 2 3 5	1 2 1 3 1 0 2 4 5	1 2 2 3 1 0 3 4 4	3 1 1 4 4 3 0 2 3 4	2 0 1 4 4 3 0 2 3 3	2115530223	4319530513	6306320612	5 2 1 5 3 1 0 4 1 4	4 2 1 5 2 0 C 5 1 5	5 3 1 4 2 0 0 6 1 4	4 3 2 2 4 2 0 2 3 4
11 12 13 14 15 16 17 18 19	2 3 1 **** 7 1 2 1 0	1 4 1 4 6 1 2 1 0 2	1 3 1 4 5 1 2 1 0	1 3 1 3 4 1 2 1 0	1 3 1 6 5 0 2 1 1	2 4 1 6 6 0 2 1 2 1	4 3 0 5 6 1 1 1	4 0 8 4 1 2 1 1	3 3 6 4 1 2 1 3 2	4 5 6 4 1 3 1	2 5 0 7 2 1 3 1 3 2	2 4 1 6 2 1 - 1 3 2	2 3 1 6 1 1 1 3 2	1 3 - 5 2 1 ***** 1 3 1	1 3 6 2 1 1 1 4 2	1 4 5 1 1 1 1 3 2	1 4 - 4 1 1 1 - 2	1 4 3 5 1 1 1 2	2 5 2 4 1 1 1 1 4 2	3 4 3 4 1 1 1 2 2	5 4 2 4 1 1 0 2 3	3 3 4 1 1 0 1 4	4 1 5 5 1 1 0 1 3	4 1 4 6 1 2 1 0 2 2	2 3 2 5 3 1 2 1 2 2
21 22 23 24 25 26 27 28 29 30	2 1 0 0 5 0 0 0 1 5	2 1 0 6 0 0 0 3 5	2 2 0 0 6 1 1 2 6	2 2 0 0 5 0 1 1 2 6	2 1 0 0 3 0 1 0 3 7	2 1 0 0 3 2 1 0 3 6	2100340049	2 1 0 0 3 2 0 0 4 9	1 1 0 0 2 1 0 0 4 5	2 0 0 3 2 2 1 0 4	3 1 0 4 2 2 1 0 4	2 1 0 4 2 3 1 0 2 9	1 0 3 3 3 1 0 2 2	1 1 0 2 2 2 1 0 2 3	0 2 0 2 1 1 0 2 3	0 1 0 2 2 0 1 0 3 4	0102201133	0 1 0 2 2 0 0 1 5 2	0 1 0 2 2 0 ****	0 0 1 1 0 0 1 5	1 0 2 1 0 0 1 5	1 0 7 1 0 0 1 5 3	1 1 0 3 1 0 0 0 5 2	1 0 5 1 0 0 1 5 7	1 0 2 3 1 1 0 3 5
31 MEAN	6 2	10 3	10	10	7	7 2	6 3	3	3 2	3 2	3	5 2	4 2	4 2	5 2	4 2	3 2	1	1	1	3 2	4 2	4 2	2 2	5 2.2

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - WC	NO 29008 NORTH PARK	HAMILTON		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
MAL	31	2.6	6	11
FEB	25	2.0	6	10
MAR	31	1.3	6	12
APR	22	1.6	4	9
MAY	27	1.3	3	7
JUN	26	1.1	4	9
JUL	31	1.6	5	11
AUG	31	2.8	8	18
SEP	30	2.7	1.1	30
oct	31	2.5	7	19
NOV	30	3.0	6	26
DEC	31	2.2	5	11
YEAR	346	2.1	11	30

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - WC	NO 2900	8 NORTH	PARK HAMI	LTON			
MONTH OO	10 04	05 TO 10 1	1 TO 14 1	5 TO 25 26	TO 39 40	BOVER	TOTAL
JAN	609	133	1	О	0	0	743
FEB	568	73	0	0	0	0	641
MAR	706	32	1	0	0	0	739
APR	538	16	0	0	0	0	554
MAY	658	13	0	o	0	0	671
JUN	601	35	О	0	0	О	636
JUL	661	62	1	0	0	0	724
AUG	568	146	11	3	٥	o	728
SEP	566	95	25	7	1	0	694
oct	584	126	9	5	٥	0	724
NOV	545	165	3	Ĩ	-1	0	715
DEC	616	104	Ť	0	0	0	721
YEAR	7220	1000	52	16	2	0	8290

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA				FREQUENCY		TRATIONS IBUTION.					ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
94 4	0	0.0	0.2	0.9	2.0	4.6	6.2	8.4	9.7	30	2.1

UNITS - 0.01 PARTS/MILLION

	STA	TION -	w C	No s	9025	E	BARTON	/WENT	WORTH	HAMI	LTON					MONT	гн - ,	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9 10	2 2 1 1 4 5 2 2 2	2 3 2 1 2 3 3 1 2 3	2 3 1 1 4 2 1 2 3	3 5 2 1 1 4 2 1 2 3	2 6 2 1 2 4 2 1 3 3	2 2 2 1 2 4 2 1 2 3	2 3 2 1 2 5 1 2 3 2	1 6 2 1 2 5 2 2 3 3	1 5 2 3 6 2 4 3 3	1 4 2 2 2 6 2 5 3 3	1 4 1 2 2 5 2 4 3 3	1 2 2 1 2 5 2 2 3 2	2 2 2 1 2 5 3 2 3 3	1 2 2 1 1 5 2 1 2 3	1 2 2 1 4 2 1 2 2	1 2 2 1 2 5 2 1 2 2	1 3 2 1 2 6 1 1 1	1 2 1 1 2 6 1 1 2 2	1 1 1 2 6 3 1 2	2 1 1 2 6	1 2 1 1 2 6 5 2 2 2	1 2 1 1 3 7 4 2 2 3	1 2 1 3 5 3 2 3 3	1 2 1 1 4 5 1 2 3 3	1 3 2 1 2 5 2 2 2 3
11 12 13 14 15 16 17 18 19	3 5 3 4 1 3 3 2 5 3	3 4 3 4 1 4 3 2 6 3	3 3 4 3 1 4 3 2 7 3	3 2 5 3 1 4 2 3 6 3	3 2 6 2 1 3 2 3 5 3	3 7 2 1 4 2 4 5 3	4 3 8 2 1 2 4 5 2	4 3 8 1 1 4 2 4 7	5 3 7 1 1 3 2 5 11 2	5382232472	6382222323	6382223383	6 2 8 2 2 3 2 3 2 3 1 2 3	4 2 8 2 2 3 2 3 3 3 3 3	5362232393	3 3 6 1 2 2 1 2 2 1 2 2	_	4 **** 1 2 2 1 2 5 2	5 3 6 1 2 2 2 3 5 2	2362243352	2 4 7 2 2 3 3 4 4	2 4 3 2 2 3 2 4 4 2	2 **** 2 2 2 3 2 3 3 2	3 3 2 2 2 3 2 4 3 3 3	4362232372
21 22 23 24 25 26 27 28 29 30	2 2 3 8 5 2 2 3 1	2 2 3 3 8 5 2 1 3 1	2 2 3 7 5 3 1 3	2 2 4 3 7 4 3 2 2 1	2 3 5 3 9 3 3 2 2 1	2 3 7 3 11 3 2 2	2 3 9 3 8 2 2 2 3 1	4 1 9 4 8 3 2 2 3 1	4 1 10 5 8 - 2 2 2	31669 322	2 3 5 6 7 2 3 3 - 2	3245823322	4 1 4 4 9 2 2 3 2 3	4 1 4 5 8 2 2 2 2 4	4 2 4 4 7 2 2 3 2 2	3253732222	3 1 6 4 6 3 2 3 2 2	3 2 5 3 6 3 2 2 2	3 4 3 **** 3 2 2 2	3 2 3 4 4 3 2 2 1	2 2 4 5 4 3 2 3 2 1	**** 2 4 3 3 3 2 3 2	2 2 3 6 3 3 2 4 1 1	2 3 3 9 3 2 2 4 1 2	3 2 5 4 7 3 2 2 2 1
31 MEAN	3	3	5	5 3	6	5 3	6	5 3	5 4	6 4	5 4	4 3	4 3	6 3	5 3	5 3	6	5 2	4 3	3	3	3	3	3	5 3.0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - FEB 76 10 11 13 14 17 18 19 20 21 22 23 24 MEAN HOUR 8 9 12 15 3 DAY 523222 234 5 6 7 8 9 11 12 13 14 15 16 17 18 19 2 21 22 23 24 25 26 27 5 **** 4 3 2 2 3 2 3 * 3 2 28 29 MEAN 2 2.0

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- WC	NO S	29025	Е	ARTON	/WENT	WORTH	HAMI	LTON					MONT	TH - N	IAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6 7 8 9	2 3 1 3 1 2 1 2	1 2 5 1 1 1 1 2 2	1 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3 5 2 1 1 2 3 2 2	1 3 5 1 1 2 2 2 2 2 2	1 5 4 2 3 1 2 2 3 2	1 6 4 3 3 1 2	1 7 5 4 3 1 2 1 3	1 6 4 4 2 1 2 2 3 3	1 5 6 3 2 1 2 2 4 3	2544222273	4 6 3 4 2 2 2 2 7 4	3744322284	4 7 3 4 3 - 2 2 6 4	4 6 2 . 3 2 7 1 5 3	4 5 3 5 3 2 2 1 5 2	4 2 8 2 1 1 4 2	4 - 30 2 2 2 1 4 2	4 4 3 4 2 2 2 1 3 2	3 2 7 2 1 2 1 4	3 3 2 8 2 1 2 1	2 4 1 6 1 1 2 2 4 3	2 5 1 4 1 1 1 4 2	2	2534212143
10 11 12 13 14 15 16 17 18 19 20	2 1 2 1 1 2 4 3	2 1 2 1 1 2 2 2 3 3	2 1 2 1 1 1 2 3 5 3	2	2 - 1 2 2 2 2 2 3	2 2 2 2 2 4 4 3	2 1 1 2 2 3 3 4 3 3	2 1 1 2 2 2 2 3 3 3 3	2 1 1 2 2 3 2 3 2 3	2 1 1 2 2 2 3 3 3	2 4 1 2 2 3 2 2 2 3 3	3 1 2 2 3 2 2 2 3 3	2 2 4 2 2 3 3 3	2 2 2 3 2 2 3 3		2 2 4 2 2 3 3	1 3 2 1 2 4 2 2 3 3	1 3 2 2 1 3 2 4 2 2	1 2 2 1 1 2 2 5 2 2	1 2 2 1 2 2 2 5 2 3	1 2 2 1 1 2 6 3 2	1 2 2 1 1 2 2 5 2 2	1 2 1 1 1 2 2 5 3	1 2 2 1 2 2 7 3 2	2 2 2 2 3 2 4 3 3
21 22 23 24 25 26 27 28 29 30	2 2 2 3 2 2 3 1 4	2 1 2 3 2 4 2 6	2 2 2 2 4 2 6 12	2 2 3 3 2 3 3 2 6	2 4 3 2 6 3 2 7	2 2 4 3 2 3 4 2 5	2 2 3 3 2 3 4 2 3	2 4 3 2 4 3 2 4 3	2 4 2 3 2 6 3 2 5	10 3 2 6	2 7 2 4 2 6 3 2 6	2 10 2 3 2 11 4 2 5	1 6 2 3 2 6 2 2 5 10	1 4 2 3 2 10 2 1 5	1 2 2 2 2 12 - 2 6	1 1 2 3 2 15 2 6 13	1 1 2 3 2 11 2 1 6 6	1 1 2 3 2 10 2 2 8 13	1 1 2 3 2 6 1 2 8 9	1 1 2 3 2 6 2 10 5	1 2 2 2 2 5 1 1 10 4	2 2 2 2 2 1 1 1 11 3	2 2 2 2 4 1 9 13 3	1 2 4 3 2 4 1 5 13 3	2 3 2 3 2 6 3 2 7 9
31 MEAN	3 2	2 2	2 3	2 3	3	2 3	2 3	2 3	1	3	1	4	3	2 3	4	2 3	2 3	2 3	3	1 3	1 3	1 2	3	3	2 2.9

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	· s	ULPHU	R DIO	XIDE							1	UNITS	- 0.0	1 PAR	TS/MI	LLION	i,						
	STA	TION -	wC	NO 2	9025	В	ARTON,	WENT	WORTH	I HAMI	LTON					MONT	н - д	PR	76						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 1 2 2 2 3 2 1	1 1 3 2 2 2 3 2 1	1 1 2 5 1 2 2 2 1	1 1 1 8 1 2 2 2 4	1 2 2 7 2 3 2 2 4 2	1 2 2 9 1 3 2 2 2 2	1 2 2 6 2 3 2 2 2 3	1 2 2 2 2 3 2 2 5 3	1	2 1 1 2 2 2 2 3	2 2 2 2 2 4 1 6 2	2 2 3 2 2 1 3 1 3 2	2 1 3 2 2 2 5 1 3 2	2 2 2 2 1 7 2 3	1 3 1 2 1 3 1 4 2	1 1 3 2 2 1 2	2 2 3 1 1 2 5 3 2 2	1 2 8 2 2 1 5 1 2 2	1 2 6 2 2 2 5 1 1 2	1 2 5 2 1 2 2 1 2 2	1 2 3 2 2 2 2 1 1 2	1 2 2 3 2 1 2 1 1 2	1 2 2 2 3 1 1 2	1 2 1 1 2 2 2 2 1 2	1 2 3 3 2 2 3 2 3 2 3 2
11 12 13 14 15 16 17 18 19	2 2 0 3 4 2 2 2 3 2	2 2 0 3 2 2 2 2 3 6	2 2 0 3 - 2 3 2 3 6	2 2 2 3 2	1 0 3 . 2 3 3 3 2	1 3 0 3 - 2 3 3 3 2	1 3 0 3 . 2 3 3 3 2	1 3 0 3 . 2 3 3 3 2	1 3 0 3	1 1 3 2 3 3 2 3	1 0 2 3 4 2 3 3 2 2	1 0 2 3 3 2 3 3 2 3 3 2 3	1 0 2 3 3 3 3 3 3 2 5	102333333333333333333333333333333333333	1 0 2 3 3 3 3 3 4	2 0 2 3 3 3 3 3 3	2024333326	1 0 2 3 2 3 3 3 2 4	1 0 2 3 2 3 2 3 3 2	1 0 2 3 2 3 2 3 3 5	1 0 2 3 2 2 2 3 2 5	1 0 2 2 2 3 2 2 2 2 -	1 0 2 3 2 3 2 2 2 2 2 2	1 0 3 3 2 2 2 2 1 1	1 1 3 3 2 3 3 2 3
21 22 23 24 25 26 27 28 29 30	1 2 1 1 8 1 1 1 1 1 1 1	2 1 1 1 7 1 1 1 1 1 1 1	1 1 6 6 1 1 2 1	4 1 1 4 6 1 1 1 2 2	3 0 1 3 5 1 2 4	2 1 1 2 5 1 1 2 2	3 0 1 2 5 1 1 2 2 4	3 0 1 3 4 1 1 1	0 1 2 4 1 1 2	3 1 1 3 4 1 1 2 1	2 2 1 5 4 1 1 2 1 1	2 1 4 4 1 1 1 1 6	3 2 1 5 5 1 1 1 1 5	1 1 4 4 1 1 1 1 5	1 2 2 6 4 1 1 2 1 3	1 2 1 7 4 1 1 3 1 2	2 2 1 6 5 1 1 2 1 3	2 2 1 4 6 1 1 2 1 2	1 2 1 7 3 2 1 2	1 2 1 8 1 1 2 1 2	1 2 1 8 2 1 1 2 1	1 1 5 1 1 1 1	1 1 5 1 1 1 1 2	1 1 7 1 1 1 1 1 2	2 1 1 5 4 1 1 2 1 2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST.	ATION	- WC	NO 3	29025	В	ARTON	/WEN	TWORTH	HAM:	ILTON					MON	TH - 1	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 !	MEAN
1 2 3 4 5 6 7 8 9 10	1 2 1 1 2 2 4 2 2 1	1 2 1 1 2 2 7 2 2 ****	1 2 1 1 2 2 7 2 2 2	1 2 1 1 2 2 9 1 2 1	3 2 1 1 2 1 4 2 2 2	2 2 1 1 2 1 2 2	2 2 1 1 2 1 1 2 2 3	2 1 1 2 1 1 1 2 3	2 2 1 1 3 1 1 2 2 3	5 2 1 1 3 1 2 2 2	6 2 1 1 3 **** 1 1 2 2	5 2 1 1 3 13 1 2 2 3	10 2 1 1 2 4 1 2 2 3	10 2 1 1 2 3 1 2 2 3	13 2 1 1 2 3 1 1 3 3	5 2 1 1 2 3 1 1 2 3	4 2 1 1 3 **** 1 2 3	4 2 1 1 3 1 3 1 2 3	7 2 1 1 2 2 1 1 2 3	5 1 2 4 2 1 2 3	3 2 1 1 2 4 2 2 1 3	3 2 0 1 2 3 2 2 2 2	310223223	2 1 1 2 2 5 2 2 2 3	4 2 1 1 2 3 2 2 2 2 3
11 12 13 14 15 16 17 18 19 20	3 2 1 3 1 8 ****	3 2 1 4 2 9 2 1 2 1	3224492122	2 1 2 4 3 9 2 1 2 2	2 1 2 4 3 5 3 2 3 1	2 1 2 2 3 7 3 1 3 2	2 1 2 3 5 7 2 1 2 1	2 2 2 3 5 4 2 1	2 2 2 **** 7 4 2 2 2 1	2 2 2 2 10 4 2 1 1 2	2 2 2 2 0 5 2 2 1 2	2 7 2 10 7 2 2 1	**** 2 4 2 8 13 2 1 2	2 4 2 8 19 3 2 1 3	2 2 2 8 13 3 2	2 2 2 2 2 3 1 3	2 4 2 10 11 2 2 1 3	2 6 2 10 6 2 1 1	2 2 4 2 7 7 2 1 ****	2142642122	3 1 5 2 8 4 2 2 2 2 2	3 1 7 2 5 3 1 1 1 2	3 1 2 1 5 2 1 1 1 2	2 1 3 1 10 2 1 1 1	2 2 3 2 7 7 2 1 2 2
21 22 23 24 25 26 27 28 29 30	2001100066	20110000410	2 0 1 1 0 0 0 0 4 7	2 1 1 0 0 0 3 3	2 1 0 0 1 0 1 4 4	2 2 0 0 4 1 1 0 7 3	1 2 5 0 3 1 1 1 6 5	2 2 3 0 5 1 2 2 6 8	2 1 0 4 2 2 2 15	1 2 1 4 3 5 8 23	1 1 3 4 3 6 4 9 13	1 4 0 3 5 3 11 10	1 1 5 3 - 4 2 12 8 13	1 0 3 9 2 3 1 12 14 7	2 0 3 4 2 2 1 8 6	1 0 4 3 5 4 1 10 8	1 3 2 5 3 1 8 8 8	1 1 2 3 4 3 1 8 6 5	0 1 1 5 7 2 3 8 6 9	0 1 0 5 3 2 5 8 4 13	0 0 0 2 5 1 1 4 5 10	0 0 0 1 1 0 4 5 7	0 0 0 4 0 1 0 5 3 4	0002000937	1 1 2 2 3 2 1 6 7 8
31	5	3	4	6	13	8	5	3	7	7	13	7	6	10	8	6	5	4	4	3	2	2	2	2	6
MEAN	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	3	3	3	3	3	3	2	2	2	2.9

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	LUTANT	· - S	ULPHU	R DIC	XIDE								UNITS	- 0.	01 PAI	RTS/M	LLLION	4						
	STA	TION -	WC	NO 2	9025	В	BARTON	/WEN	ITWORT	H HAN	ILTON	I.				MON	TH	NUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	15	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 1 2 1 1 2 2 1 3	221222223	1 2 2 2 2 2 2 2 3	1 2 3 2 1 1 2 2 1 3	1 2 2 2 1 1 2 2 1 4	1 4 3 2 2 2 2 2 2 2 4	1 3 4 1 3 3 2 2 2 4	9	2 6 9 **** 14 4 **** 2 6 4	4 7 8 - 11 6 **** 2 4	4 7 6 7 11 4 **** 3 3	5 6 3 9 10 2 **** 3 4	3 8 4 9 13 2 **** 3 3	4 6 4 11 13 2 **** 3 4	4 4 3 10 13 2 **** 3 3	4 5 3 8 8 2 3 3 3 2	6527922333	6525422333	4 5 2 5 4 2 2 3 3	4 2 2 6 3 2 2 3 3 3	2 1 1 5 1 2 2 2 3	1 2 2 2 1 2 2 2 3 3	2 2 2 5 1 4 1 1 3 2	2 1 2 1 1 3 2	3435622233
11 12 13 14 15 16 17 18 19	3 1 11 3 5 0 0 1 0	2 1 6 3 4 0 0 1 0	2 1 3 3 3 4 1 0	2 2 2 3 3 3 0 0 1 0	202220010	2 10 3 2 2 2 1 0 1 0	2632220210	1 6 4 2 2 1 4 1 0	2 4 4 3 2 **** 1 ****	2 5 8 4 3 1 1 9 1	5 4 4 3 1 1 7 1	3 5 4 4 3 1 1 9 1 2	3 4 4 3 1 1 9 1	2 4 4 3 1 1 7 1 3	5 6 3 3 1 1 7	5 6 3 1 1 7	6 6 3 3 1 1 7	1 6 5 3 4 1 1 6 1 2	2 4 5 3 1 1 5 1	2 3 5 3 1 2 7 1	1 3 4 2 3 1 1 4 1 0	2 4 4 2 5 1 1 2 1	2 5 3 5 1 1 0 0	1 12 3 3 7 0 1 1	2553321411
21 22 23 24 25 26 27 28 29 30	0 1 1 2 1 1 1 2 0 3	0 1 1 1 1 1 1 0 2 0 2	1 0 1 1 0 2 0 2	1 0 1 1 0 1 1 2 0 1	1 0 1 1 1 1 2 0 1	2 0 1 1 1 1 2 0 1	7 0 1 1 1 0 1 0 1	7 0 5 1 1 1 1 1 0	5 1 8 2 - 1 1 1 1	2 1 10 2 - 1 1 1 1 2 1	2 10 2 1 1 2 2 4	2 2 **** 2 1 2 2 2 4 1	2 10 4 1 2 4 1 2	**** 10 5 1 2 4 3 2	2 2 8 5 1 2 5 3 **** 2	2 3 9 2 1 2 4 2 1 2	2 6 6 2 1 2 6 1 2 2	2852123232	2 5 1 1 2 3 1 2 3	2 7 4 1 1 3 1 2 2	2 4 3 1 1 2 1 1 2	1 3 3 1 1 1 1 1	1 2 1 1 0 2 0 1 1	1 2 2 1 1 1 2 0 2 1	2 2 5 2 1 1 2 2 1 2
		20	12										- 2				24	-	~			•	-		

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 1.0

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ION

POLLUTANT - SULPHUR DIOXIDE	UNITS .	0.01	PARTS/MILLI
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	STA	TION	- WC	NO :	29025		BARTON	/WEN	TWORTH	HAMI	LTON					MONT	н	IUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3	1 1 0	1 1	1 1 0	1 1 0	1 1 1	1 0	1 0 1	1	1 1 1	1 1 1 2	1 0 1 2	1 1 1 2	1 1 1 3	1 1 3 2	1 1 3 2	1 1 2 2	1 3 2 2	1 1 3 2	1 1 2 2 2	1 1 2	1 1 1	1 1 1	1 1 1	1 0 0	1 1 1
5 6 7 8 9	1 0 1 1 0 .	1 1 0 1	002101	0 0 4 1 1 1	0 1 2 1 0 1	0 1 2 1 0	1 1 1 1 1	1 1 1	1	1 1 1	1 1 1	1 1 1 2	1 2 1	2 1 2 1 2 2	1 2 1 2 2	2 1 3 1 2	2 8 1 2	1 3 1 2	2 1 2 1 2	1 2 1 1 2	1 0 2 1 1 2	1 2 1 1	1 1 0 1	1 1 1 - 1 2	1 2 1 1
11 12 13 14 15 16 17 18	5 1 0 1 2 2 1 1 2 3	1 1 0 3 2 1 1 2 3	5 1 1 2 2 1 1 2 3	5 1 1 0 1 2 1 1 2 3	5111221123	1 1 1 0 2 2 1 1 2 3	1 1 0 0 3 2 1 1 2 2	1 1 0 - 2 1 1 2 2	1 1 6 2 1 2 2 2	1 1 0 2 1 2 2 2	2 1 1 0 - 2 1 2 2 3	2 1 0 - 8	2 1 1 9	2 1 1 7 2 2 2 3 3	2 1 1 7 2 1 2 3 3	2 1 1 1 6 2 1 2 2 3	2111621233	2 1 1 1 5	2 1 1 5 2 2 2 3 3	1 1 4 3 2 2 1 3 2	1 1 4 3 2 2 1 3 2	1 1 2 3 1 2 2 3 2	1 1 2 3 1 2 3 1	1 1 2 2 1 1 2 2 1	1 1 4 2 1 2 2 3
21 22 23 24 25 26 27 28 29 30	1 6 5 2 1 1 2 1 3 1	1 4 2 2 1 1 2 1 2 1	1 1 2 2 1 1 2 1	1 4 3 2 1 1 1 4 1	1 7 5 2 1 1 3 1	1 7 3 1 1 1 1 2 1 1	1 10 3 1 1 1 1 2 1 1 1	1 12 - 1 2 1 - 1 5 1	69 261 2451	5 6	4 4 2 2 2 2 2 8 2 3	7 4 10 2 2 2 2 3 4	4 5 6 2 3 2 2 6 2 4 1	3 6 8 2 5 2 2 7 2 3	2052322523	2762222423	161223332324	2691332623	4 7 6 1 2 3 2 6 1 2	10 6 4 1 1 3 1 4 1 2 1	2 6 3 1 1 3 1 5 1 2 1	1 4 3 1 1 3 1 6 1 2	0 4 2 1 1 3 1 4 1 1 1	2 4 2 1 1 2 1 3 1 2 2 1	3652222422

PERCENTAGE OF DATA VALID - 96.9

MEAN

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 2.2

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH . AUG STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON 24 MEAN HOUR DAY 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30 1 2 1 1 2 0 0 1 00000-0 0 1 4 2 2 4 2 3 2 1 3 4 3 3 5 2 7 3 2 2 1 2 2 1 1 2 0 1 1.6 MEAN

PERCENTAGE OF DATA VALID - 98 1

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. " *** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- * INDICATES DATA IS UNAVAILABLE

3. " ... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	- WC	NO	29025		BARTON	/WEN	TWORT	н нам	ILTON					MON	тн - :	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	2 1 0 2 1 0 0 1 2 2	2002000122	2002000112	2 0 0 2 0 0 1 1 2	2 0 0 2 0 0 1 1 2	2 0 0 1 0 0 0 1 1 1	1 0 0 0 1 0 0 0 1 1 2	1 1 0 1 0 0 0	1 3 1 1 0 0 2 2 1	1 4 2 1 1 0 0 *****	1 3 3 1 1 1 1 3 10	0 2 2 1 1 1 9 13 2	0 2 2 2 1 1 1 2 4 1 6 2	1 1 2 2 7 3 1 22 13	1 2 2 2 1 3 1 13 8 1	0 2 2 2 1 1 1 1 1 2 7	0 2 2 2 1 1 2 11 10 2	0 2 2 2 1 1 2 9 5 1	0 1 2 2 1 0 2	0 0 2 1 1 0 1 **** 4 1	0 0 2 1 0 0 1 4 3 1	0 0 2 1 0 0 1 2 3 1	0 0 2 1 0 0 1 2 2 1	0 0 1 0 0 1 2 2 1	1 1 1 2 1 1 1 6 5
11 12 13 14 15 16 17 18 19	1 1 2 2 4 1 3 1 0 1	1 0 2 3 4 3 5 0	1 1 2 3 3 4 5 1 0	1 0 2 3 3 3 8 1 0 1	2032248101	1 1 2 2 1 2 6 0 0 1	1 1 2 1 1 1 6 0 0	1 1 2 2 1 2 6 0 1 0	1 2 3 2 **** 2 7 1 1	1 2 3 3 6 2 4 0 1 0	1 2 5 3 8 4 1 1	† 2 5 3 9 3 4 1 1 1	1 3 4 3 8 6 3 1 1	2 2 **** 3 6 8 3 1 1	1 2 2 3 7 8 3 1 1	1 3 3 8 10 2 1	1 2 2 3 5 6 4 1 1	1 2 3 4 4 3 1 1	1 2 3 3 3 3 2 1 1	1 2 3 3 3 2 1 0 1 0	1 3 3 3 2 2 1 1 1 0	1 2 2 3 2 5 1 1	1 3 2 4 1 4 1 0	0 2 2 4 1 3 1 0 1 0	1 2 3 3 4 4 4 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 0 0 1 0 0 0 1	0 **** 0 0 0 4 0 0 0	0 **** 0 0 0 5 0 1	0 **** 0 0 1 3 0 1 0	0 **** 1 0 1 4 0 0 0	0 **** 1 0 1 5 - 1 0	0 **** 1 0 0 6 - 0 0		0 0 2 1 2 2 0 ****	1 0 **** 0 2 3 1 1 2 6	1 0 **** 0 2 4 0 1 2 5	1 0 2 0 2 2 0 1 2 5	0 0 2 0 1 2 0 1 2 5	0 1 1 1 1 0 1 2	0 1 1 1 1 0 1 2	0 1 1 1 1 1 1 2 5	0 0 1 1 1 1 1 2 4	0 1 1 1 **** 1 1 2 4	0 0 0 1 **** 1 0 2 3	0 0 0 1 0 0 1 2	0 0 0 1 1 0 0 1 1	0 0 1 0 0 0 1 1	0 0 0 0 1 0 1 1	0 0 0 1 0 1 1	0 0 1 0 1 2 0 1 1 3
MEAN	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	2	Ĩ	1	1	1	1	1	1.7

PERCENTAGE OF DATA VALID - 96.7

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- * INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS + 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - OCT BARTON/WENTWORTH HAMILTON STATION - WC NO 29025 24 MEAN HOUR DAY 11 6 7 4 4 5 6 7 8 10 12 13 14 15 16 4 0 0 1 0 0 1 19 20 22 23 24 25 26 27 28 O O 1.6 MEAN

PERCENTAGE OF DATA VALID - 92.6

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 5.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HATTE . O OL DARTS MALL TON

	STA	TION -	WC	NO	29025	В	ARTON	/WENT	WORTH	HAMI	LTON					MONT	н - и	IOV	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9 10	2 1 1 3 1 1 2 1 1 3	2 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 1 3 1 2 1 1 1 1 1 1 1	2 3 1 3 1 2 1 1 2 1	2 3 1 2 2 1 1 1 2 1 1 1 1	2 3 1 2 2 1 1 1 2 2 1 1 1	3 3 2 2 2 1 1 1 1 2	3 4 2 3 2 2 1 1 1 2	3 4 2 4 3 2 1 1 2 2	3 3 2 4 3 2 2 1 2	2 2 3 5 3 2 2 1 4 1 2 2	2324221132222	2 4 2 3 2 2 1 1 2 1	2 3 2 2 2 1 4 1 1 2	2 4 2	2 3 2 2 2 2 1 3 1	2 3 2 1 1 2 2 1 3 1	2 3 1 1 1 1 3 1	2 3 1 1 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 1 2 1	1 2 2 1 1 2 1 1 1 1 1 1	2 2 3 1 1 2 1 1 2 1	2 2 3 - 1 1 1 2 1 0	2 2 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	2 3 2 2 2 1 1 2 1 1 1 1 1
13 14 15 16 17 18 19	1 1 3 2 1 2	1 1 3 2 1 2 1	1 0 2 2 1 1 1	1 0 2 2 1 1 1	1 1 0 2 2 1 1 1 1	1 1 2 2 1 1 1 1	1 1 2 2 1 1 1	1 1 2 2 1 1	1 1 2 3 2 1 1 1	1 2 2 3 3 2 2 1	2 3 - 2 1	2 2 3 4 2 2 1	2 2 2 2 5 2 2 1	2 1 2 2 5 1 2 1	1 1 2 2 5 1 1	1 1 2 2 5 1 1	1 1 3 2 5 1 1	1 1 3 1 1 1	1 1 2 1 4 1 1	1 2 1 3 1 1	1 1 2 1 2 1 1	1 1 2 1 3 1 1	1 1 2 2 2 1 1 1	2 1 3 2 1 1 1	1 1 2 2 3 1 1
21 22 23 24 25 26 27 28 29	1 1 1 3 1 0 0 1	1 1 1 1 3 1 0 0 1	1 0 1 1 3 1 0 0 1	1 0 1 1 1 2 1 0 0 1	1	1 0 1 1 2 1 0 0 1	1 0 1 1 0 2 1 0 0 1	1 0 1 1 0 2 1 0 0 1	1 0 1 1 1 0 0 1	1 1 1 1 0 0 2	1 0 1 2 1 1 2 0 0 2	1 0 1 2 1 1 2 0 0 1	1 2 0 0 1	1 1 1 2 1 1 0 0 1	1 1 2 1 1 0 1 1	1 1 2 1 1 0 1 1	1 1 3 1 0 0 1 1	1 1 1 3 1 0 0 1 1	1 1 3 1 0 0 1 1	1 1 2 1 0 0 1 1	1 1 1 3 1 0 0	1 1 3 1 0 0 1 1	1 1 1 3 1 1 0 1	1 1 1 3 1 0 0	1 1 1 1 2 1 1 0 0
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POI	LLUTAN	1 - 5	ULPHU	R DIO	XIDE							ι	INITS	• 0.0	DI PAR	RTS/M	ILLION	N						
	STA	NOITA	- wc	NO 2	9025	В	ARTON	/WENT	WORTH	IMAH I	LTON					MONT	тн - г	DEC	76						
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	1 2 1 1 1 0 1 1 1	1 2 1 1 0 1 1 1 1	1 2 1 1 1 0 1	1 2 1 2 1 0 1 1	1 2 2 2 1 0 1 1	2 2 2 2 1 0 1 1	2 2 3 0 0 2 1 1	2 2 2 3 0 0 2 1	3 4 3 0 0 2 1	1 2 4 3 0 1 1 1	2 4 3 0 1 2 1 3	2 2 2 0 1 2 2 4		1 2 2 0 1 1 3	1 2 3 0 1 1 2 4	1 2 3 0 5 1 2 5	2 1 1 3 0 5 1 1 5	2 1 3 0 3 1	2 1 1 2 0 3 1 1 5	2 1 1 2 0 4 1 2 3	2 1 1 2 0 3 1 2 2	2 1 1 2 0 1 1 1 2	2 1 1 1 0 1 1 1 3	2 1 1 1 0 1 1 1 3	2 2 2 0 1 1 1 3
10 11 12 13 14 15 16 17 18 19	3 1 0 0 1 3 3 2 2 4	5 1 0 0 2 1 3 2 2 4	6 0 0 2 1 3 3 2 2 4	5 0 0 0 2 1 3 3 2 4 3	6 0000140040	5 0 0 0 2 1 5 2 2 4 2	5 0 0 0 2 1 5 1 2 5 2	4 0003152252	4 0 0 0 3 1 5 2 2 5 2	3 0 0 1 3 1 5 2 2 4 2	3 C O 1 3 2 7 2 2 4 2	3 0 0 1 3 2 4 - 2 3 2	3 0 0 1 4 2 5 2 2 4 2	3 0 0 . 3 2 5 2 2 3 2	3 0 0 . 2 2 6 2 2 3 2	3 0 0 . 2 1 5 2 1 3 2	2 0 0 - 2 1 7 2 2	2 0 0 1 2 1 6 2	2 0 0 1 2 1 6 2 1 2 3	0 0 1 2 1 5 2 1 3 2	1 0 0 1 2 1 5 3 1 3 4	1 0 0 1 2 2 5 2 1 4	0 0 1 1 1 4 2 1 3 3	1 0 0 1 1 2 4 2 2 4 3	3 0 0 1 2 1 5 2 2 3 3
21 22 23 24 25 26 27 28 29 30	3 2 1 6 2 1 2 3 1	3 2 3 2 5 2 1 2 2 2	2 2 3 2 4 1 2 3 2 2	2 2 3 1 4 1 2 3 2 3	3232411323	3 2 2 3 1 1 3 2 3	3 2 2 3 1 1 2 2 3	2 2 2 2 3 1 1 3 2 3	2 2 2 3 1 1 3 2 3	2 2 2 2 3 2 1 2 2 2	3 2 2 3 2 1 3 1 4	2 3 2 3 2 1 3 1 3	2 3 2 3 1 1 2 1 2	3 2 2 3 1 1 3 2 1	2 4 1 3 1 1 3	2 4 1 3 3 1 1 3 1 3	3 1 3 3 1 3 1 2	2 4 1 3 3 1 3	2 3 2 3 3 1	2325212413	2 3 2 8 2 1 1 5	2 3 1 7 3 1 2 4 1 3	2 3 1 5 4 1 2 4 1 3	2 1 5 2 1 3 4 2 2	2 3 3 1 1 3 2 3
31 MEAN	2 2	3 2	2	3 2	2	2 2	2	2	2	2	3	2	····	3 2	3 2	3 2	3 2	3 2	2	3 2	2	3 2	1	1	2 2.0

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

			1 1 20 107 11 5.5	
STATION -	WC NO 29025 BARTON/WE	NTWORTH HAMILTON		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.0	7	13
FEB	29	2.0	4	6
MAR	31	2.9	9	15
APR	30	2.1	5	9
MAY	31	2.9	8	23
JUN	30	2.6	6	14
JUL	31	2.0	6	12
AUG	31	1.6	4	11
SEP	30	1.7	6	24
OCT	29	1.6	4	15
NOV	30	1.4	3	5
DEC	31	2.0	5	8
YEAR	364	2.1	9	24

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT	-	SULPHUR	DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - WC	NO 29025	BARTON/WEN	ITWORTH HAM	LTON		
MONTH OO	TO 04 05 TO	10 11 TO	14 15 TO 2	25 26 TO 3	9 40 &OVE	R TOTAL
JAN	610	117	6	0	0	0 733
FEB	647	25	0	О	0	0 672
MAR	616	79	16	1	0	0 712
APR	654	47	0	0	0	0 701
MAY	600	111	16	3	0	0 730
JUN	598	92	9	0	0	0 699
JUL	664	55	2	0	0	0 721
AUG	701	28	1	0	0	0 730
SEP	645	43	5	3	0	0 696
ост	629	57	2	1	0	0 689
NOV	708	6	0	0	0	0 714
DEC	682	39	0	0	0	0 721
YEAR	7754	699	57	8	0	0 8518

FREQUENCY	DISTRIBUT	ION BY	PERCENTILES									
	PERCENT)	CONCEN	TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	97.0	0	0.0	0.6	1.2	1 0	3 0	5.4	7 7	0.6	24	2 1

POLLUTANT - SULPHUR DIOXIDE

STATION - WC BRAMPTON/WOODWARD HAMILTON MONTH - APR NO 29026 24 MEAN HOUR DAY - DATA UNAVAILABLE -DATA UNAVAILABLE DATA UNAVAILABLE 12 13 14 15 16 DATA UNAVAILABLE DATA UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 22 23 24 25 26 27 28 29 30 Q ō ō ō ŏ o 2 2 5 2 2 5 2

PERCENTAGE OF DATA VALID - 27 5

MEAN

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 72.2

1.3

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION MONTH - MAY BRAMPTON/WOODWARD HAMILTON STATION -WC. NO 29026 24 MEAN HOUR DAY o 0 2 0 2 0 2 ō ō ō ō 13 14 15 ŏ ō ō 17 ŏ ō o 22 23 24 ŏ ò ŏ 3 2 o ŏ ō 26 27 O õ ō 0 2 2 2 3 2 1.1 MEAN

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID . 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE

	STA	TION .	- WC	NO 2	9026	E	RAMPT	ON/WO	DODWAF	D HAN	ILTO	N				MON	гн - ,	JUN	76						
HOUR DAY	, 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	100000000	1 0 0 0 0 1 0 0	0 2 0 0 0 0 1 0 0	0 2 0 0 0 0 1 0 0	0 1 0 1 0 0 1 0 0	0 1 0 0 0 0 2 0 0	0 1 0 0 0 1 0 1 0	0 1 0 0 1 2 1 1 1	0 0 0 2 3 1 2 1	0 0 1 0 2 4 1 1 2	0 0 0 1 3 2 1 1	2	0 0 4 0 1 1 5 ****	0 0 1 0 1 1 1 3 AVAIL	0 0 2 0 2 1 1 2 2 ABLE	0 0 2 0 2 1 1 2 2	0 0 2 0 2 2 1 2	0 0 2 0 2 3 1 3	0 0 2 0 1 3 1 5	0 0 2 0 1 3 1 2 -	0 0 2 0 1 2 3 3 -	0 0 2 0 1 3 0 4	0 0 2 0 1 2 0 2	0 0 2 0 1 3 0 1 -	0 0 1 0 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19	00001992010	0 0 0 1 7 1 0 1 0	0 0 2 0 3 1 0	0000021011	0 0 0 0 2 0 0 1 0	0 0 1 0 1 0 0 1 0	0 0 1 0 0 1 0	0 0 1 0 0 1 0	0 0 1 0 0 1 0	0 0 0 0 0 0 1 1	0 0 1 0 0 0 1 0	001000000000000000000000000000000000000	1 0 0 0 0 0 0	1 0 0 1 1 1 *****	0 0 1	2 0 4 0 0	5 0 3 1 2 0 0 0	7 0 5 1 2 0 0 1 1	2 0 2 1 2 0 0 1 2	1 0 2 1 3 0 0 1 1 0	0 0 2 1 4 0 0	0 0 2 1 2 0 0 1 0 0	0 0 1 1 3 0 0 1 0 0	0 0 1 1 5 0 0 1 0	****** 0 1 1 1 1 0 0 1
21 22 23 24 25 26 27 28 29 30	0 1 0 1 1 0 2 0	0 0 1 0 1 0 2 0 1	0 0 1 0 2 2 0 3 1	0 1 2 0 3 1 1	0 0 2 0 1 2 0 8 1 1	0 2 0 1 2 0 7 1	000000000000000000000000000000000000000	0 0 3 0 2 2 1 5 1 1	0 0 3 0 2 2 1 3 1	1 0 3 1 2 2 2 3 2 0	2 0 3 1 2 3 4 2 2 0	**** 0 4 1 2 3 1 1 4 0	**** 0 3 1 1 2 2 0 2 1	**** 0 4 2 1 1 2 6 1 1	**** 1 3 **** 1 2 2 3 2 1	1 1 4 1 2 2 4	0 1 1 5 2 3 6 2 3 1	0 1 2 2 2 3 4 2 2 1	0 1 2 1 2 4 3 2 2 2	0 1 2 2 2 2 3 2 1 1	0 1 2 2 2 2 2 3 2 1	0 0 2 2 2 3 3 0 1	0 0 2 1 2 2 3 0 1	0 0 0 2 2 2 3 1 1 1	0 2 1 2 2 2 3 1
MEAN	1	1	1	1.	1	1	1	1.	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 91.7 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 6.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTAN'	r - s	ULPHU	R DIO	XIDE							ı	JNITS	- 0.0	O1 PAR	RTS/MI	LLION	4						
	STAT	LION	wc	NO 2	9026	В	RAMPT	ON/WO	DDWAR	D НДМ	MILTO	N				MON'	тн - ,	JUL	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	IEAN
1 2 3 4 5 6 7 8 9	1 0 1 0 1 1 3 2 0	1 0 1 0 1 0 3 2 0	1 0 0 0 0 4 2 0 1	1 0 0 0 0 0 6 2	1 0 0 0 0 1 4 2 0 1	1 0 0 0 1 0 3 2 0 1	1 0 1 0 3 2 2 1	1 1 0 1 0 3 0 3 1	0 0 2 1 2 0 2 0 1 2	0 0 2 0 1 0 2 0 0 2	1 0 1 0 2 0 1 2	1 1 1 0 2 0 3 0 1 2	1 0 1 0 1 0 2 0 1 2	1 0 0 1 0 3 0 1 4	1 0 0 1 0 3 0 1 2	1 0 0 2 3 5 0 1 2	1 0 1 2 4 6 0 2 3	1 1 1 1 3 4 0 2 4	1 1 0 1 3 2 0 1 3	1 0 0 1 3 3 0 1 2	1 2 0 0 1 2 3 0 1 2	1 2 0 0 1 2 2 0 1 2	0 1 0 0 0 2 2 0 1 2	0 1 0 3 2 0 1 2	1 1 0 1 3 1 1 2
11 12 13 14 15 16 17 18 19	2 1 4 2 0 1 1 1 1 1	2 1 1 3 0 1 1 0 1 1	2 1 1 2 0 1 0 0 1 2	1 1 0 1 1 0 0 1 2	1 1 1 0 1 1 0 1 2	1 2 2 1 0 0 0 0 1 2	1 2 5 1 0 0 0 0 1 2	1 3 4 1 1 0 0 1 1 2	1 0 3 0 1 1 0 1 1 2	1 0 2 1 1 1 1 1 1 1 2	1 0 2 1 1 1 1 1 1 2	2 0 2 1 1 **** 1 1 1 3	2 1 1 0 1 2 0 1 1 2	2 2 1 1 1 2 0 1 1 3	2 3 0 1 1 2 0 1 1 2	2 1 1 1 2 0 1 2 3	2 1 1 1 3 0 1 3 3	5 1 1 1 4 1 1 2 3	4 3 1 1 3 1 1 2 3	3 3 1 1 1 1 1 3 2	5 4 2 1 1 3 1 0 2	3 2 3 1 1 4 1 1 2	2 1 3 1 1 4 1 1 2	2 3 2 1 1 1 1 1 1 1 1 1	2 2 1 1 2 1 1 1 2
21 22 23 24 25 26 27 28 29	1 0 1 0 0 2 0 0 0	1 1 0 1 1 0 1	1 1 0 1 1 0 1 1 0 0	1 0 0 0 1 1 0 0	0 1 0 0 1 0 0 0	0 1 0 1 1 0 0 0	0 1 0 1 0 0 0	1 1 0 1 1 1 0 0 0 0	1 1 0 1 1 1 2 1 0 2	0 1 0 0 1 1 3 3	0 1 1 1 1 2 2 0 1	0 1 0 1 1 2 1 0 1	2001121000	1 0 0 1 1 1 0 0 0	1 0 1 1 1 1 0 0	1 1 1 2 0 0 0	2000121000	2 0 0 0 1 2 1 0 0 0	2 0 0 1 2 1 0	1 0 0 1 1 2 1 0 0 0	1 0 1 0 1 2 1 0 0 0	1 0 2 0 1 2 1 0 0 0	1 0 0 0 1 2 2 0 0 0	1 0 0 0 1 2 2 0 0 0	1 1 0 1 1 1 1 0 0
31	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	3	1	1	1	1	1	1	1	-1	1	1	1	1	1	1	1	-1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT		SULPHUR	DIOXIDE
-----------	--	---------	---------

	ST	ATION	- WC	NO	29025		BRAMP	TON/W	OODWA	RD HAP	MILTON	ı				MON	TH -	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0 0	00000000001	0 0 0 0 0 0 0 1	000000000	000000000	0000000000	00000000	000000011	0 0 0 0 1 0 0 1 4	0 0 0 0 0 0 1 7	0 0 0 0 0 0 0 3	0000000001	00000000	0 0 0 0 0 0 0 1 1	00000000041	00000000	00000012	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1 2	0 0 0 0 0 0 1 1	0 0 0 0 0 0 1	00000000	000000001	0 0 0 0 1 0 0 0 1	0 0 0 0 0 1 1
11 12 13 14 15 16 17 18 19	0 2 0 0 1 2 0	1 2 1 0 0 1 3 0 0	0 2 1 0 1 1 1 1 0 0	1 2 1 0 0 2 2 1 0 0	1 3 1 0 0 4 2 0 0 0	0 3 1 0 0 3 3 1 0	0 2 1 0 0 3 2 1 1 0	0 1 1 0 0 3 2 1 1 0 0	1 1 0 3 8 1	1 1 0 0 1 10 4 1	1 1 1 0 4 3 3 1 2	2 1 1 1 0 2 2 1 1 3	2 1 1 0 3 2 1 2	2 1 1 1 2 1 1 2 3	3 1 1 2 2 2 1 2 3	3 1 1 1 2 1 1 1 3	4 1 1 1 2 1 1 1 3	3 1 0 1 2 1 2 1 3	3 1 0 1 2 1 1 1	3 1 0 3 3 1 1 1 3	3 1 0 2 7 0 0 2	3 1 0 1 3 8 0 0 0 2	2 1 0 1 1 4 1 0 0 2	2 1 0 0 1 2 1 0 0 2	2 1 1 0 1 3 2 1 1 2
21 22 23 24 25 26 27 28 29 30	1 5 1 0 0 0 2	000000000000000000000000000000000000000	0	1 3 0 0 0 1 1 1	0 0 0 1 1	0 0 0 1 1 1 1	1 0 0 0 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1	1 1 0 0 2 1 0 1	0 0 5 0 0 1	0 2 0 0 0	0 0 0 2 0 0 1	1 0 0 0 2 1 0 1	000000000000000000000000000000000000000	1 1 0 0 2 1 1 1 1 1	1 0 1 1 1 3	1 0 1 1 1 0	1 0 1 0 1 2 2 0 0 0	1 1 0 1 2 2 0 0	1 0 0 0 0 2 2 0 0	3 0 0 1 2 2 0	000002200	3 0 0 0 0 2 1 0	0 0 0 2 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
31	0	0	0	0	O	0	••••	1	1	2	4	5	4	3	3	2	4	4	5	4	5	4	3	4	3

PERCENTAGE OF DATA VALID - 93 3 PERCENTAGE OF DATA INVALID - 5.6

PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	T - 5	ULPH	UR DIO	XIDE							Į,	JNITS	- 0.	01 PA	RTS/M	ILLION	V						
	STA	TION	· wc	NO	29026		BRAMPT	ON/WO	ODWAF	AAH OS	AILTON	ч				MON	TH - 5	SEP	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	4 2 0 4 1 0 0 2 1 4	5 2 0 3 1 0 0 1 1 2	4 2 0 4 1 3 0 1	3 1 0 4 1 1 0 1	3 1 0 3 1 4 0 1 0 1	2 1 0 3 1 1 0 1 0 1	1 0 3 1 1 0 1 0	2102220000	3 1 0 2 0 4 1 6 0 0	2013001411	1053002622	1 0 2 3 1 1 4 2 2 2	1 0 2 2 1 1 5 2 3	1 0 2 2 1 3 1 7 2 3	1 2 1 4 1 3 2 2	8 1 2 2 1 1 2	7 1 2 2 1 1 2 2 1 3	5 1 3 5 1 1 2 2 1	5 1 3 2 1 2 2 1 2	5 0 3 1 1 2 1	5 0 3 0 1 1 1	2 0 2 3 0 0 1 1 2 1	2 0 2 4 2 0 1 1 1 1 1	2 0 3 4 1 0 1 1 1 1 1	3 1 2 3 1 1 1 2 1
11 12 13 14 15 16 17 18 19	0 0 1 3 3 1 0 0 1 1	0 0 1 2 4 1 0 1 1 1 1	0 0 1 2 3 1 0 1 1 2	0 0 1 2 3 1 0 1 2 2	0 0 2 2 2 2 0 0 1	0 0 2 1 2 0 0 1 1 1	0 0 1 1 0 0 1 1 1	0 0 1 1 0 0 1 1 1	0 2 2 2 1 0 0 2 1	0 1 2 2 2 0 0 2 2 1	0 1 3 2 3 0 0 1 2 2	0 1 2 2 2 0 0 1 2	0 1 2 2 2 0 0 1 1	4 1 2 3 2 0 0 2 1	2 1 2 3 2 0 2 1 1	5 1 2 3 2 0 0 2 1	6 1 2 3 1 0 0 2 2 1	3 1 2 3 2 0 0 2 2 0	1 1 2 2 1 0 0 4 2	1 1 2 2 2 0 0 6 2 0	0 1 2 3 1 0 0 3 2 0	0 2 3 1 0 0 2 2	0223000320	0 1 2 3 0 0 0 0 2 2 1	1 1 2 2 2 2 0 0 0 2 2 1
21 22 23 24 25 26 27 28 29 30	0 1 0 3 0 2 1 3 1 2	1 0 1 2 0 2 1 3 1 2	1 0 0 2 0 1 1 2 1 5	0 0 1 2 0 1 1 2 1 2	0 0 1 1 1 1 1 1 1 1 2	0 0 1 1 1 1 1 1 1 1 1 2	0 0 1 1 0 0 0 1 3	0 0 2 1 1 0 0 1 1 4	0 0 1 2 0 0 1 1 1 3	0 0 1 1 0 0 3 1 2	0 0 2 1 1 0 0 3 1 2	0 0 2 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 0 0 1 1 0	1 2 0 0 1 1 1	0 1 1	0 1 2	1 0 1 1 2 0 0 1 2 0	1 1 1 2 0 0 1 1 0	1 1 1 2 0 0 1 1	1 1 1 2 0 0 1 1 0	1 1 1 2 1 0 1 1 0	0 1 1 0 2 0 0 1 1 0	1 1 2 0 2 0 1 1 1 0	1 4 0 2 1 1 0	0 0 1 1 0 0 1 1 1 1
MEAN	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	2	2	2	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " *** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	WC	NO 2	9026	В	RAMPT	ON/WO	ODWAR	NAH D	ILTO	N				MONT	rH - 0	CT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 M	EAN -
1 2 3 4 5 6 7 8 9	0 1 0 0 1 1 0 0 3	0 1 1 0 1 1 0 0 0	0 1 1 0 1 2 0 0 1	0 1 3 0 1 2 0 0 1	0 1 3 0 1 2 0 0 0 1	0 1 2 0 1 2 0 0 0	0 1 2 0 0 2 0 0 0 0	1 0 2 0 0 2 0 0 0	202002000	0 1 2 0 1 2 0 0 0	0 1 2 1 2 3 0 0 0 2	0 1 1 2 3 0 1 0 1	1 1 2 1 2 3 0 1 0 3	1 1 1 1 2 3 1 1 0 2	1 1 1 1 2 2 1 1 0 4	1 1 1 1 2 1 1 2 0 3	1 2 1 2 1 0 2 0 4	1 1 2 1 1 0 0 3 1 4	1 1 1 0 0 1 2 2	1 0 1 1 1 0 0 0 2 0	1 0 1 1 1 2 0 ***** 2 0	1 0 1 1 0 0 0 0 0 0 0 0	1 0 1 1 0 0 0 **** 1 2	1 0 1 1 0 0 0 1 2	1 1 2 1 1 2 0 1 1 0 2
11 12 13 14 15 16 17 18 19	1 0 2 0 1 1 2 2 0 0	1 1 2 0 1 1 2 2 5	1 1 2 0 2 1 2 2 1 0	1 0 2 0 2 1 2 1 0 0	1 0 1 0 2 1 2 1 0	1 0 1 0 2 1 2 2 0 1	1 1 0 2 2 2 2 1 1	1 0 1 0 2 2 1 2 1 1	2 1 1 0 2 2 1 1 2 1	3 1 1 2 2 3 1 1 2 1	1 1 4 2 2 2 1 1 1	0 6 1 **** 2 3 2 1 1	070322211	0503222112	0 6 0 4 2 2 2 1 1	0 4 1 3 2 2 2 1 1 1	0 3 1 3 2 2 2 1 1 1	0 2 1 2 2 1 1 1 1	0 2 5 1 2 2 1 0 1 2	0 2 3 1 6 2 1 0 0 2	0 2 1 1 2 2 1 0 1 2	0 5 2 1 2 1 1 1 1 2	0 7 0 1 2 1 2 1 1 5	0 3 0 1 1 1 2 0 1 5	1 3 1 1 2 2 2 1 1
21 22 23 24 25 26 27 28 29	3 1 1 1 2 2 1 1	3 1 1 1 2 1 1 1 1 1 1	2 1 1 1 1 2 1 1 1	2 1 2 1 1 1 1 1	1 1 2 1 1 1 1	2 1 2 1 2 1 1 1 1	2112130112	1 1 2 1 3 0 1 1 2	1 1 2 3 1 1 1 1 2	1 1 2 2 1 4 6 1 1 2	1 1 2 1 4 2 1 1 2	2 1 2 1 2 0 1 1 2	2 1 1 1 0 3 0 1 1 2	2 1 1 4 3 0 1 1 3	2 1 1 1 2 2 0 1 1 3	2 0 1 1 2 0 1 1 4 4	2 0 1 1 2 1 0 1 4	1 0 1 1 1 1 1 1 4	1 1 2 1 1 0 1 1 1 5	1 1 2 1 2 0 1 1 1 7	1 1 2 1 1 0 2 2 1 4	1 1 1 1 0 2 1 1 3	2 1 1 1 0 2 1 1 2	2 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 2 1 1 1 3
31	2	1	1	1	2	3	2	2	1	1	1	1	0	0	0	0	О	0	0	-1	2	5	5	5	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULPH	UR DI	OXIDE								UNITS -	۰٥.	01 PA	RTS/M	ILLIO	N						
	ST	ATION	- wc	NO NO	29026		BRAMP	TON/W	OODWA	RD HA	MILTO	N				MON	тн -	NOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 2 1 1 1 2 2 1 3	1 2 1 1 1 1 1 1 1 2	1 2 1 2 1 1 1 0 1 3	0 1 1 1 1 1 1 1 1 1 4	O 1 1 1 1 1 0 1 3	1 1 1 1 1 1 0 1 2	2 2 1 1 1 1 0 1 3	3 2 1 1 1 1 0	4 2 1 1 2 1 0 1	6 2 1 2 1 2 1 0 1	3 2 1 1 2 1 0 3 1	2 2 1 2 1 2 1 1 5 1	1 3 1 1 1 1 1 4 1	1 3 1 2 1 1 1 2 5 1	2 4 1 2 1 2 2 5 2	2 3 1 3 1 1 1 5 2	1 3 1 1 1 2 1 3 1	1 3 1 1 1 1 1 4 2 3	2 2 1 1 1 2 1 3 2 2	2 2 1 1 1 2 1 2 2	2 1 1 1 2 1 1 2 2 2	1 2 1 1 2 2 2	2 2 1 1 2 2 1 2 3	2 1 1 1 2 2 1 2 2	2 2 1 1 1 1 1 2 2 2
11 12 13 14 15 16 17 18 19	2 1 1 2 3 2 1	2 1 1 1 3 2 1	2 1 1 1 2 1 1	1 1 1 2 2 1 1	2 1 1 2 2 2 2	2 2 1 1 2 1 2	2 1 1 1 2 1 2	2 1 2 1 2 1 1	1 1 1 2 1 1	1 1 1 1 2 1	2 1 1 1 2 2 1			1 1 1 1 1 3 1 INVALI		1 1 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 1 1 3 1 4	1 1 2 3 1 4	1 0 1 1 2 1 4	1 1 1 2 1 3	1 1 1 2 1 2 2 ****	1 0 1 1 2 1 2	1 0 2 1 3 1 2	1 1 2 1 3 1 1 1 ****	1 1 1 2 2 2 2 *****
21 22 23 24 25 26 27 28 29	***	****	****	****	****	****	***	****	****	****	****	*	DATA DATA DATA DATA DATA DATA DATA		D - D - D - D - D -	****	1	1	1	2			1	2	*****
30	2	1	1	1	2	2	2	2	1	1	1	1		1	1	1		****				****			1
MEAN	2	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1	1	2	2	1.5

PERCENTAGE OF DATA VALID - 61.8 PERCENTAGE OF DATA INVALID - 38.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	- WC	NO	29026		BRAMP	TON/W	OODWA	RD HAN	ILTO	N				MON	TH -	DEC	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		••••		• • • •			••••			• • • •	1		1	2	3	3	3	2	2	2	2	3	2	2	*****
2	2	2	2	2	2	1	1	2	1	1	2	2	2	3	2	3	3	1	1	1	0	0	0	0	2
3	1	1	1	1	1	0	1	1	1	1	2	0	1	1	1	0	0	0	0	٥	0	0	0	0	1
4	1	1	1	1	1	2	2	2	2	2	1	1	1	1	3	3	3	3	2	2	2	2	1	1	2
5	1	1	1	1	1	1	1	0	0	0	0	0	****			2	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	3	3	3	2	1		2
7	1	1	1	1	2	3	4	5	1	1	1	2	1	1	2	2	2	2	2	3	3	2	2		2
8	1	- 1	1	2	4	1	7	2	1	2	2	2	2	2	1	4	1	4	1	2	2	2	2	,	2 2
9	1	1	1	1	1	1	1	1	1	3	2	2	3	3	3		4	1	3	2	1	2	2	1	- 1
10	2	2	2	1	1	2	1	- 1	1	2				, i	3	* 15 T T	,	11:			,				•
11	1	1	1	4	3	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	. 1
12	1	1	1	0	O	٥	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	- 1	- 1	0
13	1	1	0	1	7	1	****	****	****	1	0	0	0	0	0	0	1	0	0	0	0		1	1	0
14	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	2	1	1	1	- 1	
15	1	1	1	1	2	1	1	1	1		1	3	2	2	1	3	4	3	3	5	2	2 5	4	à	3
16 17	2	2	2	2	3	2	2	2	3	2	2	2	2	2	3	2	5	6	7	7	6	5	7	5	3
18	3 5	3	2	2	2	2	2	2	2	3	3	2	1	- 1	1	1	1	1	,	,	ő	ő	ó	o	5
19	0	0	ő	ō	- 1	1	2	2	2	2	1	1	2	•	,	1	1	1	1	1	ō	1	1	1	ī
20	ő	1	1	o	O	ó	ō	ō	ō	1	1	1	2	1	1	4	4	3	3	3	6	4	3	2	2
	_		•		-	/. 																			
21	2	2	1	1	4	4	2	1	1	1	3	1	2	2	••••	****	••••	****	••••		• • • •		****	****	*****
22	****	****	****	••••	****	****	0	0	0	0	0	2	2	2	2	3	3	3	2	3	3	3	2	- 2	2 2
23	2	2	2	2	3	1	2	3	2	2	2	2	2	1	1	,		2		5	3	2	5	,	2
24	1	1	- 1	1	9	1	3	2	1 2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2
25 26	5 2	4	4	2	3	3		2	2	3	3	3	3	3		5	3	3	3	ā	3	3		3	3
27	2	4	4	6	6	6	5	3	2	2	2	2	2	2		2	2	3	3	3	2	3		3	3
27 28	2	3	6	4		3	3	3	3	3	3	3	3	4	4	3	4	4			5	4	4	4	4
29	4	4	3	3		3		3	3	2	2	2	3	3	3	3	2	2	2	2	1	2	2	2	3
30	3	3	3	4	4	4	4	4	4	3	3		3	3		3	3	3	3	3	4	4	4	3	3
31	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 5.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. .- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - WC	NO 29026 BRAMPTON/	WOODWARD HAMILTON		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAIL	ABLE	
FEB		DATA UNAVAIL	ABLE	
MAR		DATA UNAVAIL	ABLE	
APR	В	1.3	3	9
MAY	31	1.1	4	15
JUN	27	1.0	3	9
JUL	31	1.0	3	6
AUG	29	0.8	3	10
SEP	30	1.2	3	8
ост	31	1.3	3	7
NOV	18	1.5	2	6
DEC	29	1.9	4	7
YEAR	234	1.2	4	15

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - WC	NO	2902	6		BRAN	PTC	N/NC	doow	WAR) H	AMIL1	TON					
MONTH CO	то	04	05	то	10	11	то	14	15	то	25	26	то	39	40	&OVER	TOTAL
NAU			DAT	Αl	JNAVA	IL	ABLI	E									
FEB			DAT	A	AVANL	IL	ABL	E									
MAR			DAT	A	AVANL	IL	ABL	E									

MAR		DATA UNAVA	LABLE				
APR	188	10	0	0	0	0	198
MAY	712	22	1	1	0	О	736
JUN	645	15	0	0	О	0	660
JUL	735	6	0	0	0	0	741
AUG	684	10	0	0	0	0	694
SEP	694	17	0	0	0	0	711
OCT	721	17	0	0	0	0	738
NOV	440	5	0	0	0	0	445
DEC	682	25	0	0	0	0	707
YEAR	5501	127	1	1	0	0	5630

FREQUENCY	DISTRIBUTION	BY	PERCENTILES
	DEDCEME		

PERCENT	1011 01 1	LACENTILLE	5		CONCEN	TRATIONS					
OF DATA				FREQUENCY							ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
85.3	0	0.0	0.0	0.5	1.1	2.2	3.0	4.2	5.2	15	1.2

UNITS - 0.01 PARTS/MILLION

	STA	TION -	C	NO	31001	•	57 COL	LEGE	ST F	IFTH	FLOOR	TOR	ONTO			MON	TH -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	3 4 3 3 2 4 6 3 2 2	3 4 3 5 4 3 2 2 2	3 3 3 6 4 2 2 2 3	3 3 3 6 4 2 2 2 3	3 3 3 6 4 2 2 3 4	3233642234	3 2 3 7 5 2 4 4	3 3 3 7 5 2 3 4 3	3 3 3 8 4 2 3 4 4	2 2 2 3 9 6 3 3 5	3 2 2 3 9 5 3 4	223853614	3 2 2 6 6 3 16 1 3	2 2 2 2 4 7 2 5 1 2	3 3 3 9 6 1 2 1	3 3 4 5 1 1	3 3 3 3 1 4 1 2 2	3333551111	4 3 3 0 6 1 2 0 1	4 3 3 0 6	3 3 3 0 6 1 2 2	4333541222	3 3 3 4 4 1 2 2	3333552324	3 3 3 3 5 5 2 3 2 3
11 12 13 14 15 16 17 18 19	3 2 0 1 0 2 1 3 4 2	3 2 0 2 0 2 1 2 5	3 1 1 3 0 2 1 2 6	2 1 1 0 2 2 2 5 2	1 2 3 1 0 2 2 2 4 3	1 1 3 1 0 2 2 2 4 2	1 0 2 1 1 - 3 3 4 2	1 1 3 1 1 1 2 4 4 2	1 2 4 1 1 2 2 4 6 3	1 2 4 1 1	1 3 6 1 1 2 3 3 5	2 **** 5 1 1 2 1 2 4 2	5 1 0 2 1 2 4 2	1 4 0 1 2 1 2 4 2	1 7 5 0 1 1 2 2	1 2 5 0 1	1 1 5 0 8 1 1 2 4 2	0 3 1 1 3 5	0 4 1 0 2 1 1 3 5 2	0 4 1 0 1 2 1 3 3 2	1 3 1 1 1 2 3 2 2	1 2 1 1 1 2 3 3	1 0 1 3 3 2	2 2 1 0 2 1 4 4 2 3	1 2 3 1 1 2 2 3 4 2
21 22 23 24 25 26 27 28 29	2 1 4 3 8 2 1 1 3	4 1 5 3 7 2 1 1 3 2	3 1 5 3 6 2 1 1 3 2	2 1 7 3 5 2 1 1 6 2	3 1 4 3 5 3 1 1 3 3	7 2 5 3 7 3 1 1 2 3	7 3 6 3 8 2 1 2 2 3	4 3 5 3 8 2 2 3 3 3	4 2 8 3 7 2 3 2 3	2 2 11 4 5 2 2	5 2 10 4 6 4 2 2	5 2 10 4 3 4 2 2 1	3 1 8 4 3 4 2 5 1 3	1 2 6 4 1 3 2 3 2 2	2 2 5 3 1 2 4 2 2 2	3 2 4 4 1 3 2 2 1 2	2 4 4 1 3 2 3 1 2	2 4 4 1 3 2 4 1 2	3 4 5 2 2 3 1 2	3 3 1 3 2 4 1 2	3 1 2 2 3 1 2	3 3 2 2 2 1 2	0 3 4 1 2 2 3 1	1 4 3 6 2 1 2 3 1 2	3 5 4 4 3 2 2 2 2 2
31 Mean	2 3	3	4 3	4 3	4 3	6 3	4 3	3 3	4 3	4 3	4	2 3	3	3	3	5 2	2	5 2	4 2	2	2	2	2	1 3	3 2.7

PERCENTAGE OF DATA VALID - 95 8 PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE . 1.9

NOTES 1. " *** ** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	٠ 5	ULP	HUR DIC	XIDE								UNITS	- 0.	01 PA	RTS/M	ILLIO	N						
	STA	TION -	c	NO	31001	6	7 COLL	GE !	ST F	IFTH	FLOOR	TOF	ONTO			MON	тн -	FE8	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 2 3 2 6 2 2 2 4	1 1 2 3 4 5 2 2 2 7	2 1 2 4 3 5 2 2 7	3 1 2 4 3 4 2 2 2 2 6	1 2 5 3 4 3 3	3 1 2 4 3 3 2 7 2	3 1 3 4 4 2 3 4 2 5	3 2 3 3 5 2 3 2 2 8	3 4 3 4 3 4 2 6 5	3 1 9 3 4 3 3 2 6 5	4 10 14 2 3 1 4 5	3 1 8 2 4 3 3 1 3	3 3 10 4 2 2 1 2 4	4 3 10 1 4 2 2 1 3 5	6 2 8 1 4 2 5 1 3	3 2 11 1 3 2 8 1 3 5	3 1 7 1 3 2 2 1 2 4	8 1 2 2 2 1 2 5	3 1 3 1 2 1 3 4	0 2 4 1 3 2 2 1 5 5	0 1 8 1 - 2 2 2 2 4 3	0 1 8 3 2 5 3 3 2	1 2 6 3 5 2 5 2 3 2	1 2 6 3 6 2 2 2 4 2	2262433235
11 12 13 14 15 16 17 18 19	2 0 3 1 2 1 0 1 1 1	2 0 3 1 2 1 0 1 1 1	203121011	2 0 3 1 3 1 0 1	0 2 1 2 1 1 0 0	1 0 2 1 2 1 0 1 1 0	1 1 2 1 1 1 1 1 1 1	1 1 * 3 1 3 1 1 1	2 2 3 2 1 1 1 4	2 1 1 3 2 1 1 2	2 2 2 2 2 0 1 2 1	1 2 0 1 1 1 2 1	1 3 0 2 2 2	1 5 1 1 2 2 1 1 1	2 4 1 3 1 1 1 1	2 0 1 2 0 1 1 1 1 1 1	1 3 1 1 2 0 1 1 1 1	031122111111111111111111111111111111111	0 4 1 2 0 1 1 1 1 1	051120111	0 5 1 1 0 0 1 1 1 1 1	0 4 1 2 1 0 1 1	0 5 1 2 1 0 1 1 1 0	0512101111	1 2 1 1 2 1 1 1 1
21 22 23 24 25 26 27 28 29	1 1 2 7 - 1 1	2 1 2 4 2 1 1 1 1	2 1 1 4 5 2 1 1 1	1 1 5 6 2 1		2 0 1 5 4 2 1 1 1	1 0 1 4 6 3 2 1	1 1 5 4 4 2 1	1 1 2 7 6 5 2 1	1 1 2 6 7 5 2 1 2	1 2 7 6	1 3 6 6 1 1	1 3 2 5 9 3 1 1 4	1 3 4 6 3 3 1 1	1 2 6	1 3 4 4 2 3 1	1 3 3 - 3 1	102252201	1 0 3 2 5 2 2 1 0	1 1 2 3 2 1 1	1 1 2 2 3 1 1	1 1 2 2 2 1 1 1 0	1 3 3 	1 1 2 5 2 1 1 1 0	1 1 2 4 5 2 2 1 1
MEAN	2	2	2	2	2	2	2	2	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- -- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	NOITA	- (C NO	31001		67 CC	LLEGE	ST	IFTH	FLOOR	R TOI	RONTO			MON	TH -	MAR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	* * * *	0	0	1	1	1	1	1	2	2	2	1	2	1	2	1	1	1	1	1	1	4	1	1	1
2	1	1	1	****	1	1	1	1	2	3	3	2	2	2	2	2	-		2	2	2	2	2		2
3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
4	2	2	3	4	4	3	2	2	2	2	2	****	4	1	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	2	2	3	5	4	3	4	3	13	3	1	1	1	1	1	1	1	1		2
6	0	0	0	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	5	6	2	2	1
7	3			1	1	1	1	1	1	1	1	1	1	1	-1	****	7	5	3	3	2	0	1	1	2
8	1	1	0	0	.0	0	0	0	1	1	1.	0	0	0	Ó	0	0	0	0	1	1	1	2	2	1
9	2	3	-	2	1	1	1	1	6	1	2	1	1	1	1	2	2	1	1		***	-	-	2	
10	3	3	3	2	3	4	3	3	3	4	4	4	4	5	5	4	4	2	2	3	2	2	1	1	2
	-	,-	-	_			-	-		-341								_	_	-		_	741	•	
11	1	1	1	1	2	2	2	2	2	4	4		=		****	****	1	- 1	1	2	3	2	3	3	2
12	2	3	2	1	***	2	1	2	2	2	****	***	***		2	***	1	1	2	3	4	5	4	3	2
13	2	2	2	2	1.	1	2	2	2	1	1	1	1	1	3"	1	1	1	1	2	2	1	1	1	1
14	1	2	2	1	2	2	2	2	2	2	2	2	1	1	1	2	3	2	2	2	1	1	1	1	2
15	1	1	1	1	1	1	1	2	1	1	1	1	1	1	***	0	0	0	0	1	2	2	2	2	1
16	2	2	1	1	2	- 1	2	2	2	2	2	3	4	4	4	3	2	2	1	1	1	2	1	1	2
17	1	2	2	3	2	2	2	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2
17 18	2	2	3	3	4	4	5	7	8	5	4	2	1	3	2	2	2	2	2	1	1	1	2	3	3
19	2	3	3	3	5	6	7	6	5	7	5	5	7	4	7	7	7	7	1	2	1	2	2	2	4
20	2	2	3		1	1	1	2	2	2	3	5	4	3	3	4	3	3	2	3	2	2	2	2	4 2
21	1	i	1	1	1	1	1	1	1	****	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	- 1	i	- 1	- 4	- 1	2	3	****	****		6	6	6	6	6		3	3	3	2	2	2	4	Δ	3
23	3	3	3	3	6	4	3	5	5	4	4	****	5	1	2		2	1	2	2	2	-	- 4	1	0 3 3 2
23 24 25	ĭ	2	1	1	1	2	3	3	4	4	4	3	3	3	2		•	2	1	- 1	2	2	2	- 4	3
25	2	1	ò	o	Ö	õ	1	1	2	****	1	1	1	1	4	4	,	- 1	4			1	1	****	1
26	7	4	1	1	1	1	4	2	1	1	2	4		2	2	ż	2	4	4	2	2	****	3	5	2
26 27 28	5	À	3	4	5	3	3	2	3	3	3	2		5	~	1	2		4	- 2	7		1	1	2
20	õ	7	3	0		ō	ō	0	0	0		****		****	****	****	â	÷	2	2	,	2	5	2	
29	1	- 1	2			ő	1	1	4	1	- 1		ò	1	4	4	1	****	****	****	****	2	4	- 4	1
30	,	- 1	ő			****		4	4	4	í	2	- 4		6	4			4		4		2	2	
30	1	,	U	.0	0	6.2.2.	-	,	11:	,		2		1	6	1	3.	1	T.	1	1	1	2	4	1
31	1	1	1	1	1	1	1	1	1	1	2	-	-	1	1	1	1	1	1	1	1	1	2	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 93.1

PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- SI	JLPHU	R DIOXI	DE						1	UNITS	- 0.0	1 PAR	RTS/MI	LLION	ı						
	STAT	ION -	C	ио з	1001	67	COLLEGI	E ST F	IFTH	FLOOR	TOR	OTAC			MONT	н - д	PR	76						
HOUR DAY	1	2	3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1 1 1 1 0 1 3	1 1 1 1 1 0 1 2	1 1 1 1 1 1 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 1 1 1	1 1 1 1 0 0 1 ****	1 2 1 1 1 2 0 1 1 1 1 1 1 1 0 2 2 8 1 3	3 1 1 1 1 1 1 1 1 1 1 1 3 3 3	5 1 2 0 5 1 ****	3 2 2 1 0 1 1 0 1 4	3 1 2 0 0 1 1 0 1 4	2 10 1 0 0 0 0 0 0 1 1	3 **** 1 0 0 1 0 0	1 0 0 1 0 0 3 0	1 1 2 0 0 1 1 0 9 0	1 1 2 0 0 1 1 1	1 1 0 0 1 1 1 1	1 1 0 1 1 1 1 1 1	1 1 2 1 1 1 2 1	1 1 1 2 1 1 1 ****	1 1 2 1 1 1 1 1 0	1 1 1 1 0 1 2 0	1 1 1 1 1 1 0 1 4 0	2 1 1 1 1 1 1 1 2 1
11 12 13 14 15 16 17 18 19	0 1 1 2 4 1 2 3 1	0 1 1 2 4 1 2 3 2 1	0 1 1 1 3 1 2 3 2 1	0 1 1 2 1 2 3 1	0 1 1 1 1 2 3 1 1 1	0 1 1 1 2 1 2 3 2	1 1 1 0 1 2 3 7 1 **** 2 2 2 3 4 7 2 3 1 1	2 4 4 3 6	0 0 1 3 1 4 5 5 4 1	0 1 1 3 3 3 5 5 5 3 1	0 1 0 4 6 3 5 4 4 2	0 * * * * 0 3 5 4 4 3 2 5	0 0 0 2 5 4 4 3 1 6	0 0 2 4 3 3 1 6	0 0 0 1 4 4 4 - 3 1 8	0 0 0 2 3 4 3 2 1 5	1003245313	1 0 0 3 1 2 2 4 1 1	2 0 1 2 2 2 3 3 1 1	1 1 3 2 2 3 3 1 2	2 1 1 3 2 2 2 3 1	1 1 1 2 2 2 2 1 2	1 1 2 1 1 1 1	1 1 1 2 3 2 3 3 2 2 2 2
21 22 23 24 25 26 27 28 29 30	1 1 1 0 0 0 ***	1 1 1 0 0 0 0 0 0	1 1 1 0 0 0 0 0 0 0 0	1 1 1 0 0 0 0 0 1	1 1 1 0 0 0 0 0 0 1 ***	1 1 1 1 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0	0 0 1 0	1 1 1 0 0 0 ***** 0 1 5	1 2 1 1 0 ***** 0 0 2	2 1 1 0 0 1 0 3 1	1 2 1 1 0 0 1 0 2 1	1 2 1 1 0 0 0 0	1 2 1 0 0 0 1 0 1 1	1 1 1 0 0 1 1 2 1	2 2 1 0 0 0 1 3 2 1	1 1 0 0 0 1 0 1 1	1 2 1 0 0 0 1 0 1 1	1 1 0 0 0 1 0 0 1	1 2 1 0 0 0 0 1	1 1 0 0 0 0 0 1 1	1 1 0 0 0 0 0 1 1	1 1 0 0 0 0 0 1 1 1 1	1 1 1 0 0 0 0

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 1.8

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MEAN 1 1 1 1 1 1 1 2 2 2 2 2 2 1 1

	PO	LLUTAI	NT -	SULP	HUR DI	OXIDE								UNITS	- 0.	01 PA	RTS/M	ILLIO	N						
	ST	ATION	٠ ,	NO	31001		67 C	LLEGE	ST	FIFTH	FLOOR	TOP	OTIO			MON	тн - і	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 0 1 2 1 0 0 0	1 1 2 1 0 0 0	1 1 2 0 0 0 0	2 1 1 1 2 1 0 0	0	1 0 1 2 1 0 0 0	3 2 0 1 1 1 0 1	3 3 0 1 2 1 0	3 3 0 1 2 1 0 1	3 0 1 3 1 0 0	1 1 4 1 0 0	1 4 1 0 0 1	240141001	2 3 0 0 3 1 0 0 1	2 2 0 1 3 1 0 0 1	2 1 0 1 2 1 0 0 1	21022	1 1 0 2 2 1 0 0 0 1	1 1 0 2 2 1 0 0 0 0	2 2 1 0 0 0 0	1 0 1 2 2 1 0 0 0	1 0 1 2 1 1 0 0 0 0	1 0 1 1 2 1 0 0 0 0	1 1 2 1 0 0 0 1 0	2 2 0 1 2 1 0 0 0 0
10 11 12 13 14 15 16 17 18 19 20	0 0 1 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0	1 0 0 1	0 0 0 1 0 0 0 0 1 1 1 1 1 0 0	000111100000000000000000000000000000000		0 0 1 1 1 0 0	000011111000111100	0 0 2 1 2 0 1 1 0	22 11 22 20 22 11 22 20 22 21 22 22 22 22 22 22 22 22 22 22 22	1 1 3 0 0 1 1 2		1 1 2 0 1 1 1 3	0 1 1 2 0 0 7 1 1 1	0 1 1 2 0 1 1 2	0 1 2 0	0 0 1 1 2 0 0 1 1 0 0	0 0 1 1 1 0 2 1 1 0	0 0 1 1 1 0 2 1 1 0	0 0 1 1 0 0 1 1 1 0 0 0	0 0 1 1 0 0 1	0 0 1 1 0 0 1	0 0 1 1 0 0 1 1 0 2	0 0 1 1 0 0 1 1 0 2	0 0 1 1 1 0 2	0 0 1 1 0 1 1 1 1 1
21 22 23 24 25 26 27 28 29	1 1 2 3 3 0 1 1	1 1 2 3 0 1 1 1 1	1 1 2 3 0 1 2 1	1 1 1 2 3 0 1 2 1	3	1 1 2 2 3 0 1 2 1		1 2 2 3 4 2 1 4	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2	2 2 2 1 1	1 4 2 3 1 1 3 3 3 2	2 2 3 0 4 3	2 2 2 3 1 1 2 2 1 1	1 5 2 2 1 1 2 2	1 2 2 2 1 2 2 2 0 1	1 1 2 3 1 2 1 1 1 0	2 1 2 3 1 2 1 1 1 1 1	2 1 2 3 1 1 1 1 1 1 1 1 1	2 1 2 4 1 1 2 0 0 1	1 1 2 3 1 1 0 0 1	1 1 2 3 1 1 1 0 1 1	1 2 3 3 1 1 2 1 1 1	1 2 3 3 0 1 2	1 2 2 3 2 1 1 2 1 1

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

31 MEAN

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- * * INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- s	ULPH	UR DIOX	IDE								UNITS	- 0.0	1 PAR	TS/MI	LLION	ı						
	STAT	ION -	c	NO	31001	67	COLLE	GE	ST I	FIFTH	FLOOR	TOR	ONTO			MONT	H - JI	UN	76						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	AN
1 2 3 4 5 6 7 8 9	1 2 2 2 0 0 2 1 1 3	1 1 2 2 0 0 0 2 1 1 5	1 1 2 2 0 0 1 1 0 4	1 2 1 0 0 1 1 0 4	1 1 2 1 0 0 1 1	1222001105	1 2 5 2 0 0 0 2 2 1 4	1 2 6 . 0 0 2 2 1 5	700002235	2 7 1	3 0 0 0 2 5	1 1 2 0 1 3 4 1	1 1 4 1 1 2 1 3 1 3	1 1 2 3 3 2 3	2 1 2 0 1 2 3 3 2 4	1 1 0 1 2 2 5 2 4	2 1 0 1 2 2 1 2 4	2 1 2 0 2 2 2 0 2 1	3 1 4 0 3 2 2 0 1 2	2120222022	2 2 1 0 2 2 2 0 2 3	2 2 2 0 0 2 0 1 4 2	2 2 3 0 0 1 1 0 3 2	2 3 0 0 1 0 1 2 2	1 1 2 2 1 4
11 12 13 14 15 16 17 18 19	2000130102	200001330412	2 0 0 0 1 2 0 1 1 2	1 0 0 0 1 1 0 0 1 2	1 0 0 0 1 1 0 0 1 1	200011	3 0 0 6 1 1 0 2 2 2 2	4 0 0 2 4 1 0 1 2 2	3 0 0 3 3 2 0 1 2 2	0 3 4 2 0 1 2	0 3 1 0 0	3 0 0 2 1 1 0 2 2	1 1 9 0 2 2	2 1 1 2 2	1 2 1 1 1 0 2 3	0 0 3 1 1 0 0 2 4	00031100025	1008220023	0 0 0 4 3 1 0 0 2 2	000000000000000000000000000000000000000	0 0 0 1 1 0 1 0 2 4	0 0 0 1 1 1 0 2 3	0 0 0 3 1 1 0 2 3	0 0 0 2 2 0 2 2 2	100222111222
21 22 23 24 25 26 27 28 29	2 1 1 0 1 1 0 1 1	2 0 1 1 0 1 1 0 2 1	2 0 1 1 0 0 1 0 3 1	2 0 1 1 0 1 1 0 4 0	2 0 1 1 0 1 1 0 2 0	1 1 0 1 1 0 2 0	2 1 2 2 1 1 1 0 3	2 1 3 3 1 1 1 1 1 0	2 2 5 2 2 3 0 4	2 4 2 - 1 13 0	4 2 5 1 12 0 2	1 2 2 1 1 9 1 3 0	1 3 2 2 1 1 8 2 2 0	1 1 2 0 2 8 8 1	1 2 2 2 1 1 4 7	1 1 2 2 1 0 2 1 0	0 1 2 2 1 1 0 1 2 0	0 1 2 1 1 0 0 1 2 0	0 1 1 1 1 1 0 1 2	0 1 1 1 0 0 0 1 0	1 2 1 0 1 0 9 0 1 0	1 2 1 1 1 1 1 1 1 0 1 0 0	1 1 0 1 4 0 1 0	1 1 0 1 1 0 0 1 1 0 0	1 1 2 1 1 1 3 1 2 0
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.8

- PERCENTAGE OF DATA UNAVAILABLE O.B
- NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - .. INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION -	¢	NO	31001		67	COLLEGE	ST F	IFTH	FLOOR	TORC	OTAC			MON	TH	JUL	76						
HOUR DAY	1	2	3	4	5	6		7 8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 1	IEAN
1 2 3 4 5 6 7 8 9	0 0 1 1 2 2 3 1 0 2	0 0 1 1 1 2 2 0 0 3	0 0 0 1 2 2 2 0 0 5	0 0 0 1 2 2 2 0 0 2	0 1 1 2 2 2 0 0	**** 0 1 1 2 2 3 0 1	9 22 23 18 18	1 0 0 0 1 1 1 1 1 2 3 3 6 3 3 0 0 0 0 1 2	0 0 1 1 3 5 3 0 ****	1 0 0 1 3 11 3 0 0	1 0 1 1 5 8 2 0 0	2 0 1 1 4 3 3 1 0 2	1 0 0 1 2 1 2 0 1 1	1 0 0 1 2 1 2 0 2	1 0 0 1 3 1 2 0 0	1 1 1 3 1 1 0 0	1 0 1 2 3 1 0 0	1 0 1 2 3 1 0 0 1 2	0 0 1 5 1 2 0 0	**** 0 1 2 1 1 0 0 1	0 0 1 1 3 1 4 0 0 1	0 1 1 1 1 2 0 1 3	0 1 1 2 2 1 1 0 1 3	0 1 1 2 2 3 1 1 3	1 0 1 1 2 3 2 0 0
11 12 13 14 15 16 17 18 19	2 2 1 2 2 0 0 0 0 0	2 2 2 0 0 0 0 0 0	222200000	2 2 2 1 0 0 0 0	2 2 2 1 0 0 0 0 0	222200000		2 2 2 2 2 2 2 3 3 - 0 ***** 0 0 0 1 0 6	4 2 2 1 2 0 0 0 1 2	2 3 2 2 2 1 0 0 2 1	3 2 1 - 1 0	2 2 2 3 0 0 1 1	3 2 2 1 2 2 0 0 1 1	4 2 3 1 2 2 0 0 1 1	3 2 3 1 1 0 0	2 2 2 1 0 0 0 0 1	2 2 2 5 1 0 0 0 3	2 2 7 1 0 0 0 6	2 2 2 4 0 **** 0 0 0	2 2 2 1 0 0 0 0	2 1 2 2 0 0 0 0 0	2 2 0 0 0 0 1 0	2 2 0 0 0 0 1 0	2 2 0 0 0 0 1 0	2 2 2 1 0 0 0 0 1
21 22 23 24 25 26 27 28 29 30	1 1 0 2 0 0 0 0 1	1 1 0 2 0 0 0 0 0 1	1 1 1 0 0 0 1	1 1 1 0 0 0 0 0 1	1 1 0 0 0 0 1	0 1 1 0 0 - 0 0 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 0 0 1 0 0 0	200000000000000000000000000000000000000	0 ****	1 0 0 0 0 0 1 - 0 0	1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 1 1 1 0	1 0 2 0 0 0 1 1 1 0	1 4 0 0 0 1 1 1 0	1 1 2 0 0 0 0 0 0 1 0	1 1 2 0 0 0 0 0 0 1 0	1 1 3 0 0 0 0 0	1 1 3 0 0 0 0	1 1 3 0 0 0 0 0 1 0	2 0 0 0 0 0 1	2 0 2 0 0 1 0 1 0	1 0 2 0 0 0 0 0 1 0	0 0 0 0 1
31	1	1	1	0	0	0		1 1	0	1	0	0	1	1	3	1	1	1	0	0	0	0	0	٥	1
MEAN	1	1	1	1	1	1		1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- S	ULPHU	R DIO	IDE								UNITS	- 0.0	DI PAR	RTS/MI	LLION	ı						
	STAT	ION -	С	NO 3	1001	67	COLI	EGE	ST F	IFTH	FLOOR	TOR	ONTO			MON	TH - A	UG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 0 2 0 1 1 1 0	0 0 1 0 2 1 1 1 1	0 0 1 0 1 1 1 1 0	0 0 1 0 1 1 1 0	0 0 0 0 2 0 1 1 1 0	0 0 0 0 2 0 1 1 1 0	0 0 1 *** 2 2 0 1 1 1 1 1	0 0 0 *** 2 2 1 1 1 1 1 1 1	0 0 3 2 1 1 0 1 1	0 0 1 1 2 1 1 1 0 1	0 0 1 1 2 0 0 1	0 0 1 1 0 0 1	0001210102	0 0 0 1 2 1 0 1	0 0 0 1 2 1 0 1 1 1	0 0 0 1 1 1 1 1 1 1 1	0 0 0 1 1 1 0 1 1 2	0001210113	0 0 0 1 1 1 0 1 1 4	0 0 1 1 1 0 1 1 2	1 0 0 1 1 1 1 1 1 1 2	0 0 0 1 1 1 1 1 1 1 2	0 0 0 1 1 1 1 4	0 1 0 1 1 1 1 4	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19	4 4 1 0 0 0 0 0 0 0	4 4 2 0 0 0 0 0 0 0 0	3 6 1 0 0 0 0 0 1	3 5 1 0 * 0 0 0 0 0 1	2 5 1 0 *** 0 0 0	362000001	3 5 1 0 0 0 0	3 6 0 0 0 1 1 2	360000	3 6 0 0 0 0 ****	4 **** 1 0 0 0 1 1 1 4	3 **** 0 0 0 1 0 0 4	**** 2 0 0 0 2 0 0	5 0 1 0 0 0 1 ****	5 1 0 0 0 0 0 0 0 0 2	4 1 0 0 0 0 0 1 0 2	6 1 0 0 0 0 0 0 0 0 0 0 0	4 1 0 0 0 0 0 0 1 2	4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 1 0 0 0 0 0 0 1 1 1 1	1 0 0 0 0 0 0 0 1	6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 3 1 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	1 2 2 1 2 2 0 0 0	1 1 1 1 1 2 1 0 0	1 1 1 0 1 1 3 1 0	1 1 1 1 2 1 0 0	1 1 0 2 1 1 0 0 0	1 1 0 0 2 1 1 0 0	1 1 1 1 3 2 1 0 0	2 2 1 1 4 3 1 1 0 1	2 2 2 1 6 ****	2 3 1 1 5 **** 2 0 0	2 3 1 4 3 1 0 0	2 1 2 2 2 2 0 0	2 2 2 1 1 3 1 0 0 1	2 1 1 2 3 2 1 0 0	1 1 1 3 4 1 1 0 2	2 1 1 1 4 1 0 0	1 2 1 1 2 3 1 0 0 0	2	3 1 1 0 2 0 1 0 0	3 1 1 1 1 1 0 0 0	2 1 1 2 3 1 1 0 0	1 1 1 1 2 1 1 0 0	1 1 2 1 1 0 0 0 0	2 2 1 2 0 0 0 0	2 1 1 1 2 2 1 0 0
31	0	0	0	0	0	1	1	3	4	3	2	1	2	2	1	1	1	1	1	2	3	2	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	A	-		
POLITITANT	SULPHUR		OXI	DE.

	STATION -		C	NO	31001	6	7 COL	LEGE	ST FI	FTH	FLOOR	TOR	OTAC			MONT	H - 5	SEP	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	0 0 0 1 0 0 0	0 0 0 1 0 0 0 1 0 0	1 0 1 1 0 0 1 1 0 0	1 0 1 3 0 0 1 1 0 0	0 1 1 0	1 1 1 0 0 1 1 1 0 0	1 1 3 1 0 0 2 4 0 0	1 1 5 2 0 1 2 5 0 0	1 1 2 0 1 3 4 1 0	1 1 1 1 0 0 7 3 2	0 1 1 0 0 4 3 2 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 7 3 2	0 0 1 2 1 1 1 2 2 0	0 0 2 0 1 0 1 3 1 0	0 0 3 0 0 1 0 3 1 0	0 0 2 0 0 4 0 3 1 0	0 0 2 0 0 2 1 4 0 0	0 0 4 0 0 0 1 . 0 0	0 0 3 0 0 0 1 1 0 0	0 0 1 0 0 1 1 2 1 0	1 1 0 0 1 1 1 1 0 0	0 0 0 0 1 1 0 1 0	0 0 1 0 0 1 0 1 0	0 0 2 1 0 1 2 2 1 0
11 12 13 14 15 16 17 18 19	0 1 0 2 2 1 1 0 0	0 2 0 3 4 0 1 0 0 1	0 1 1 2 2 0 0 0 0 3	0 2 4 2 2 0 0 1 0 5	6 3 0 0	039530000	0 2 5 13 4 0 1 0 0	0 2 7 8 3 1 1 0 0	0 3 8 8 2 1 1 0	0 3 7 7 2 0 1 0	3 3 2 3 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 3 4 3 2 1 0 0 3 1	0 3 2 2 2 1 0 0 4 1	0 2 3 2 1 0 0 1 0	0 3 4 1 2 1 0 0 0 0	0 0 2 1 1 1 0 0 0 0	0 0 1 4 1 1 0 0 0 0	310000	0 0 3 1 1 0 0 0 0	1 0 2 3 2 1 0 0 0 0	1 0 3 4 2 1 1 0 1 0	1 1 4 2 1 0 0	0 1 1 1 1 0 0	0	0 2 3 4 2 1 0 0 1 1
21 22 23 24 25 26 27 28 29	0010110222	0020210222	0 1 1 0 2 1 0 2 2 2	0 0 1 0 2 1 0 2 2 2 2 2	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 1 3 1 - 2 2 2	1 1 2 4 0 3 2 2	1 2 1 2 5 0 2 4 4 3	1 1 2 4 0 1 3 4 3	1 1 2 3 0 0 2 4 3	2 1 2 0 2 0 2 2 4 2	2 1 1 0 2 0 2 2 2 2 2 2	11020222	1 1 0 0 1 0 2 2 2 3	1 1 0 0 2 0 2 2 2 2 2	0000102212	1 1 0 1 0 0 3 2 2 2	0000000000	0 0 0 0 2 3 2 2	011002322	1 0 1 1 2 3 3 2	1 1 1 2 3 2 2	0 1 0 1 1 0 2 2 2 2 2	0 1 0 1 1 0 2 2 2 2 2 2	1 1 2 0 1 2 2 2 2

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT STATION - C NO 31001 HOUR 24 MEAN DAY 014010.01 000010.01 0 1 0 1 3 1

PERCENTAGE OF DATA VALID - 95.3

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 3.4

1.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. " ... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION -	С	NO	31001	6	7 COLL	EGE	ST F	IFTH	FLOOR	TOR	ONTO			MON	TH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 2 1 2 1 1 1 1 1 1 1	1 2 1 2 2 1 1 1 1 1	1 2 1 2 1 1 1 1	1 3 1 2 2 2 1 1 1	1 3 1 1 1 1 1	1 3 2 1 2 1 1 1 2	1 5 2 2 3 3 1 1 6	2 4 3 3 3 10 1 1 2	ò	1 3 5 **** 8 3 1 ****	4 5 5 4 2 0 0 1	**** 3 3 3 1 0 ****	0 3 2 2 1 1 1 0 2	3 1 1 1 0	0 3 **** 1 1 0 1 3	0 3 3 - 1 1 0 3	1 3 1 - 1 1 0 3	1 3 1 1 1 0 1 3	1 3 2 - 1 1 1 0 3	2 3 2 1 1 0 0 3	2 3 2 - 1 1 1 1 2	2 3 1 1 1 1 1 2	2 4 1 1 1 0 2	1 2 2 1 1 1 1 0	1 3 2 2 2 2 1 1
10 11 12 13 14 15 16 17 18 19 20	1 1 1 1 1 1 2 1 2 1	1 1 1 1 2 1 2 1	1 1 1 1 1 2 1 2 1	1 1 1 1 2 1 1 1 1	1 1 1 1 2 2 1 1 1	1 1 1 1 2 2 1 2 1	1 1 1 2 2 3 1 2 1	1 2 1 1 2 2 4 1 2 1	1 3 1 1 3 4 4 *****	2 1 2 1 1 3 3 4 1 2 1	1 2 1 1 6 2	**** 1 1 1 1 4 3 4 1 **** 1	0 1 1 1 2 3 4 1 0 1	0 1 1 1 1 1 2 5 0 0	1 2 1 1 1 **** 2 4 1 1 1	1 1 1 1 1 **** 3 4 1 1	1 1 1 0 1 4 1 0 1	1 1 1 1 0 1 4 1 1 1 1 1	1 1 1 1 1 1 5 2 1	1 1 1 1 1 5 1	1 1 1 1 2 2 1 1 1	1 1 1 1 1 1 2 2 1 1	1 1 1 1 2 2 1 1 1 1	1 1 1 2 1 1 1 1	1 1 1 1 2 2 3 1 1
21 22 23 24 25 26 27 28 29	1 1 0 1 2 2 1 1 1	1 1 0 1 2 3 1 1 0 1	1 0 0 1 2 3 1 1	2 1 0 1 1 4 1 1 0 1	2 1 0 1 1 3 1 1 0 1	2 1 0 1 1 2 1 1 0 1	2 1 1 3 2 1 1 0 1	1 1 1 1 2 1 1 1	2 1 1 1 1 1 1 1 1 2	2 1 1 1 1 1 1 1 1 1 1 1	2 1 1 2 2 1 1 1 1	1 1 1 1 1 2 5 1 1	1 1 1 2 1 1 1 1	1 0 1 1 1 1 1 1	1 0 1 1 0 1 1 1 1	1 0 1 3 1 1 1	1 1 1 3 1 1 1	1 1 1 3 1 1 1	1 0 1 1 3 1 1 1	1 0 1 1 3 1 1 1	1 0 1 1 3 1 1 1 1 1	1 0 1 2 2 1 1 1 1	1 0 1 2 3 1 1 1 1	1 0 1 2 3 1 1 1 1 1	1 1 1 2 2 1 1 1 1 1
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	į	1	1	1	į	1	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	1001	6	7 COL	LLEGE	ST F	IFTH	FLOOR	TOR	OTAC			MON	MONTH - DEC											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 0 0 1 2 0 0 0 3	1 1 0 0 1 2 1 1 0 3	1 1 0 1 4 1 0 0 3	1 1 0 0 6 2 0 0 3	1 0 1 0 6 1 1 1 3	1 2 0 0 1 1 1 1 4	1 1 2 0 0 0 1 1 2 4	**** 1 3 0 0 1 1 1 3 7	**** 0 **** 1 0 1 0 1 3 5	2 0 6 1 0 2 0 1 2 4	0 6 2 0 2 0 1 2 3	062020123	0 3 1 0 2 0 2 2 8	052020128	0 3 1 1 1 0 3 2	0 2 1 0 1 0 3 3	2031010428	2021120327	2 0 1 2 0 1 2 3	2 1 1 2 1 3 0 0 2 2	1 0 1 1 3 0 0 2 2	1 0 2 1 1 0 0 0 3 1	1 0 1 1 1 0 0 0 2 1	1 0 0 1 1 0 0 0 3 1	1 0 2 1 0 2 0 1 2 4
11 12 13 14 15 16 17 18 19 20	1 6 1 **** 2 4 2 2 2 2	1 4 1 4 2 3 2 2 2 2 2 2 2	1 3 1 4 2 3 2 2 2 2 2	1 3 1 3 2 3 3 2 2 2 2	1 3 1 3 3 4 4 2 2	1 3 1 3 3 4 1 2 1	1 3 1 3 2 2 4 1 3 1	1 3 2 3 2 2 2 1 4	1 3 3 4 2 **** 2 1 7 2	1 3 3 3 2 4 2 1 6 2	1 3 3 3 2 3 2 1 5	1 3 2 3 3 3 - 1 4 2	6 3 2 3 3 3 3 1 4 2	2 3 3 3 3 1 5	2 3 6 2 3 2 2 5	2 2 8 2 3 1 2 5 1	3 1 17 2 3 1	3 2 1 21 2 3 2	2 1 15 2 3 1 3 1	2 2 1 5 2 3 2 1 4 1	3 2 2 1 3 3 2 2 4 1	3 1 3 1 3 2 2 4 1	3 1 4 1 3 2 2 3 1	3 1 3 1 4 3 2 2 3 1	2325232241
21 22 23 24 25 26 27 28 29 30	1 1 5 0 4 1 1 1 3	0 1 3 0 4 1 1 1 3 0	1 1 5 0 4 1 1 1 2 1	0 1 3 0 4 1 0 1 3 1	0 1 2 1 6 1 0 1 3	0 1 2 1 5 1 1 1 3	0 1 4 1 3 1 1 2 2 1	0 2 2 1 3 1 1 2 1 2	0 9 2 1 3 2 3 1 2 2	1 7 1 3 3 1 3 2 2 2	1 2 1 2 3 1 3 2 3 2 3 2	1 1 3 1 1 2 3 1	1 1 2 3 1 1 3 1 1	1 2 1 4 3 1 3 0	1 3 1 5 4 1 4 2 0	1 3 1 2 2 0 0	1 3 1 1 2 1 2 2 0 0	1 3 1 1 2 0 1	1 2 1 2 2 1 1 2 0	1 2 1 1 1 1 2 0 1	1 1 1 1 1 2 3 0 1	1 1 2 1 1 2 2 0 2	1 2 1 1 1 2 0 2	1 2 1 4 2 1 1 2 0 2	1 2 2 3 1 2 2 1 1
31	2	1	1	1	1	1	1	1	1	1	5	2	1	2	2	2	2	2	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1.9

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID - 1.2

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DICKIDE

UNITS - 0.01 PARTS/MILLION

STATION - C	NO 31001 67 COLLEGE	ST FIFTH FLOOR TORONTO		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.7	5	16
FEB	29	2.2	6	11

MONTH	NO OF DATS	AVERAGE CONCENT	24 HOOK MARTINGM	MANAGE READING
MAL	31	2.7	5	16
FEB	29	2.2	6	11
MAR	31	1.8	4	13
APR	30	1,3	3	10
MAY	31	1.1	3	7
JUN	30	1,4	4	13
JUL	31	1.0	3	11
AUG	31	1.0	4	6
SEP	30	1.2	4	13
OCT	31	1.0	4	13
NOV	30	1,4	3	10
DEC	31	1.9	5	21
YEAR	366	1.5	6	21

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

5			-							
	STATION -	C NO	31001	67	COLLEGE ST	FIFTH FLOOR	TORONTO			
	MONTH	00 TO	04 05	TO 10	11 TO 14	15 TO 25 2	26 TO 39 40	SOVER	TOTAL	
	JAN		627	84	1	1	0	0	713	
	FEB		601	70	1	0	0	0	672	
	MAR		652	40	1	0	٥	0	693	
	APR		675	27	0	0	0	0	702	
	MAY		711	:	0	0	0	0	713	
	JUN		676	2;	2	0	0	0	701	
	JUL		710	10	1	0	0	0	721	
	AUG		710	16	5 0	0	0	0	726	
	SEP		690	10	5 1	0	0	0	707	
	oct		700		9 1	0	0	0	709	
	NOV		686	13	5 0	0	0	0	701	
	DEC		686	3:	2 0	3	0	0	721	
	YEAR		8124	34	3 8	4	0	0	8479	

FREQUENCY	DISTRIBUT PERCENT OF DATA	ION BY	PERCENTILES		FREQUENCY		TRATIONS					ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	96.5	٥	0.0	0.1	0.7	1.3	2.8	3.8	5.3	6.5	21	1.5

UNITS - 0.01 PARTS/MILLION

	ST	MOITA	. (C NO	33002	2	PHARM	ACY A	ND 40	1, SC	ARBOR	ROUGH				MON	тн -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 1 0 4 4 6 0	1 1 0 4 5 3	1 1 1 0 4 5 2 1	1 1 1 1 4 5 2 1	1 2 1 1 6 5 3 3	1 1 1 5 4 1 2 2	1 1 1 2 4 5 1 2	0 1 1 2 4 5 1 2	0 1 1 2 4 4 1 2	0 1 1 2 5 4 2 2	0 1 1 2 7 7 2 2 2	0 1 1 2 8 5 2 2	0 0 1 2 7 2 1 4 1 DATA	0 1 1 2 3 3 1 3 0 I NVAL	0 1 1 2 3 4 1 1 0	1 2 2 2 3 5 1 2 3	0111230112	0 1 1 1 2 3 0 0	0 1 1 3 5 0 0	0 1 1 1 2 4 ****	0 1 1 2 3 4 1 1	1 2 1 2 3 6 0 1	1 2 1 2 3 5 0 2	1 2 1 2 3 5 0 2	0 1 1 1 4 4 4 1 1 2 1
11 12 13 14 15 16 17 18 19	**** 2 2 0 0 1 1 0 3 1	**** 2 2 0 0 1 1 1 0 4 2	**** 2 2 0 0 1 1 0 5 1	2	**** 2 3 0 0 2 2 2 7 3	**** 2 3 0 0 1 1 4 2	0 0 - 1 1 4	**** 2 2 0 0 0 1 1 4 2	**** 2 3 0 0 0 1 4 1	**** 2 3 0 0 0 2 2 6	**** 3 4 0 1 0 1 1 5 3	**** 2 4 0 0 1 1 3 1	**** 2 3 0 0 0 1 1 3 1	**** 2 0 0 1 0 1 1 2 1	**** 3 1 0 0 0 1 0 2 1	2 3 2 1 2 0 1 1 3	1 3 2 0 1 0 1 3 3 1	**** **** 0 1 0 1 1 4	1 2 0 0 1 0 1 2 5 0	1 2 0 0 1 0 1 2 9 0	1 2 0 0 1 1 2 4 6 2	1 3 0 0 1 0 2 3 2	2 **** 0 0 1 1 1 3 1	2 2 0 0 1 1 1 4 1	******* 2 2 0 1 0 1 1 4
21 22 23 24 25 26 27 28 29 30	205231012	2 0 4 2 3 1 0 1 2	2 0 4 2 3 1 0 1 3	1 2	4 2 3 3 4 1 1 2 0	2 1 3 1 3 0 0 1 0	1 3 1 3 0 0	2 1 3 2 3 0 1 0	1 1 2 2 2 2 - 1 0 2	2 2 2 4 1 1 1	1 2 2 2 2 1 1 0 -	1 1 2 2 2 2 1 1 0 0	2 1 0 2 0	0 1 2 1 1 1 0 1 1 1 1 NVAL	0 1 1 1 1 0 1 1	0 0 1 2 1 1 1 6 2	1 1 2 2 0 2 1 1 1 1	1 1 2 1 0 1 1 1 1 1	1 1 2 1 **** 1 1 1 1 ****	1 1 1 1 0 0 1 2 2 * * * * *	4 1 2 0 1 1 1 ****	**** 1 2 2 1 1 2 2 ****	1 2 2 2 0 0 2 2 2 * * * * *	1 3 2 3 0 0 1 2	1 1 2 2 2 2 1 1 1
31												*	DATA	INVAL	ID -										
MEAN	2	2	2	1	2	2	2	2	4	2	2	2	1	1	1	2	1	1	1	1	2	2	1	2	1.5

PERCENTAGE OF DATA VALID - 85.3 PERCENTAGE OF DATA INVALID - 14.1

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	P	OLLUT	ΔNΤ -	SULP	HUR D	O1 XO	=							UNITS	s - n	01 P	ARTS/I	MILLIC	in.						
																	411.77								
	S	TATIO	Ν -	C NO	33003	2	PHARM	ACY A	ND 40	01, SC	ARBO	ROUGH				MON	HTH -	FEB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	****						****	****	Tanaharan S				DATA DATA	INVAI INVAI INVAI	LID -	•				-	is a				
5		1	2	2	2		1	****		0	0	4	0	****	0		0		1	0	1	1	1	1	*****
6	***	****	****	****	***	***	***	****	****	****	****	***	****	****	****	***	****	****	1	1	1	1	1	0	*****
7	0	0	0	0	1	- 1	1	1	1	2	2	2	2	3	1	1	1	1	1	2	i	- 1	Ö	ŏ	1
8	1	1	2	1	1	1	2	. 2	4	3	1	0	0	0	0		0	O	0	1	1	2	2	1	1
9	1		3			2	2	2	2	2	2		***	3	3	3	1	0	1	1	1	1	2	2	2
10	2	2	3	3	3	3	3	2	3	. 3	3	3	3	3	3	2	2	2	3	2	1,	. 0	0	0	2
11	0					0	0	0	0	0	0	0	0	٥	0		٥	0	O	0	0	0	0	٥	О
12	0					2	2	3	4	3	2	1	1	2	2		1	2	2	2	4	4	4	3	2
13	2	2	2			1	1	0	1	1	0	0	0	1	0	0	0	0	1	0	0	C	0	0	1
14	0	0	1			1	1	2	2	2	2	1	. 1	-1	1	1	****	0	1	0	1	2	2	2	1
15	3			-		0	1	1	2	1	1	0	0	0	0		0	0	0	1	0	0	0	0	1
16 17	0					0	0	0	1	0	0	0	0		2		0	1	0	0	1	0	1	1	0
18	2				2	2	1	1	1	Ó	0	0	0	0	0	0			1	0	****	****	2	2	1
19	1	1		1	- 1	5	1	4	1	1	1	1	1	1	1		0		1	0	0		0	0	1
20	1	i	1	i	1	,	2	2	3	ģ	2	2	2	****	3	3			3	0	0	0	4	0	1
					1,50	_	~	-	-	_	_		-		3		•		3	-	7	-	7	7	2
21	4					4	4	4	4	4	****	4	4	4	4	4	4	4	4	4	5	5	* * * *	4	4
22	5		_			1	1	5	5	2	0	0	0	0			0		0	0	0	0	0	0	1
23		***	_		2		2	2	3	2	2	1	1	***	***	1	2	0	0	1	3	5	1	5	2
24	3			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.	1	1	0	1	1
25	2			2	4		2	2	3	1	1	1	1	****	5			3	3	3	2	2	****	1	2
26	-						2	1	2	1	2	3	3	3	2	2	2	1	1	1			0	0	1
27	0					0		0	1	0	0	0			1				0	0	0	0	0	0	0
28	0	0	0	0		1	1	0	1	0	0	0	0	0	0	0	0	0	O	1	1	1	2	1	0
29	1	1	1	1	0	0	0	0	O	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1

MEAN

PERCENTAGE OF DATA VALID - 81.0 PERCENTAGE OF DATA INVALID - 18.4

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - O.C1 PARTS/MILLION

	ST	ATION		C NO	3300	2	PHARM	ACY	AND 40	01. 50	ARBOR	OUGH				MON	тн -	MAR	76						
HOUR DAY	Ť	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	0	0	0	0	0	1	1	3	2	2		1	1	1	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0		1	1	0	0	****	****	****	0	0	1	1	-	-	1	1	0	0	0	*	0
3	0	1	2	1	1	****	****	****	****	1	0	0	0	***	****	0	0	0	0	0	ō	0	0	0	Ö
4	0	0	1	1	****		****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	4	*****
5	4	4	4	4	4	4	4	3	4	4	4	4	3	2	****	0	0	1	1	0	0	0	0		2
6	0	0	0	0	0	0	1	0	0	0	Q	0	0		0	0	0	0	0	0	0	1	2	2	ō
7	2	-		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	ō
8	٥	0	0	0	O	0	0	0	2	1	1	1	****	****	5	5	5	5	5	5	5	4	5	4	2
9	5	4	-	4	4	4	4	4	5	4	4	4	4	4	3	3	1	1	0	0	****	0	0	0	3
10	0	0	0	1	1	1	2	3	3	4	2	2	****	2	2	1	1	1	1	1	0	0	0	0	1
11	0	0	1	0	0	0	0	0	1	2	0	-			****		0	0	1	- 1	1	1	1	2	1
12	1	2	2	1	****	1	1	1	2	1	1	1	1	-	1	****	0	0	1	0	0	0	0	0	1
13	0	0	1	0	0	0	0	0	- 1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
14	0	O	Q	0	7	1	1	1	1	1	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	0	0	0	****	0	0	00	1	1	1	1	o	0	0	0	0
17	0	0	1	1	.2	2	1	1	2	3	2	1	1	1	1	0	0	0	1	0	0	0	0	0	1
18			-				#0		-	*			3	3	3	3	3	2	2	2	2	3	3	3	*****
19	2	2	2	2	2	2	3	3	2	2	2	****	****	***	0	0	0	0	0	0	0	0	1		1
20	****	****	****	****	****	****	****	****	1	0	0	0	1	2	2	2	1	1	3	5	3	3	2	1	2
21	1	1	2	2		1	0	0	0	***	0	0	****	****	***				****	****	****	****		****	*****
22	****	****	-	1	0	2	1	0	****	*		****	****	****	***		****	****	****	****	****	****	* * * *	****	*****
23	****	****	****	****	***	****	****	****	****	****	****	****	****	****	****	3	3	2	1	1	0	1.	0	0	*****
24	0	0	0	0	1	2	2	2	2	2	1	1	2	1	****	****	****	****	* * * *	****	***	****	****	****	*****
25	****	****	****	****	****	****	****	****	****	****	1	5	0	-	0	0	0	0	0	0	0	0	0	0	*****
26	0	0	1	1	1	1	1	2	1	0	0	0	1	1	0		0	1	0	1	0	****	1	0	1
27	2	2	2		1	1	2	2	1	1	1	1	2	3	•		11	12	12		10	8	8	7	5
28	8	9	9			6	6	7	7	6	5	4	4	5	4		2	2	2	1	1	1	0	0	4
29	1.	1	1			1	2	1	0	0	0	0	0				0	0		0	0		0	0	0
30	1	0	0	0	0	****	1	٥	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
31	2	1	1	0		1	2	0	0	0	0	*		0	0	0	0	1	0	0	0	0	1	3	1
MEAN	1	. 1	1	1	1	1	1	1	2	1	Ĭ	1	1	1	1	1	1	1	7	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 80.8

PERCENTAGE OF DATA INVALID - 15.1

PERCENTAGE OF DATA UNAVAILABLE - 4.2

- NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION PHARMACY AND 401. SCARBOROUGH STATION - C NO 33002 MONTH - APR 76 HOUR 24 MEAN DAY C 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 22 23 24 25 26 27 28 29 () MEAN

PERCENTAGE OF DATA VALID - 94.9

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.7

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- C	NO 3	3002	F	PHARMA	Y AND	401	. SCA	RBORC	UGH				MONT	TH - N	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	3 4 2 1 3 2 0 1 2 2	2 2 2 0 3 1 0 1 1	2 2 1 0 3 1 0 0 1 2	2 2 1 0 2 1 0 0 1 1	2 2 1 0 3 1 0 0 1 1	2 1 0 3 1 0 0 1	2 3 1 1 3 2 1 1 3 2	2 2 1 1 3 1 0 0 2 2	2 2 1 0 3 1 0 0 2 2	1 3 0 0 3 0 0 0 2 3	1 3 0 *	1 2 **** 0 3 0 0 0 2 2	2 3 **** 1 3 1 1 2 3	2 2 1 1 3 0 0 1 2 3	2 2 1 1 2 0 0 1 2 3	2 2 1 1 3 0 0 1 2 4	2 2 1 1 3 3 **** 0 1 1 3	3 2 1 2 3 0 1 1 2 2	2 2 1 2 3 0 0 1 1 2	2 3 0 0 1 1 2	2 2 0 3 3 0 0 1 1 4	2 1 0 4 3 0 0 1 1 2	2 2 0 2 2 0 0 1 1 1 1	2 1 0 2 2 0 0 1 0 2	2 2 1 1 3 1 0 1 2 2
11 12 13 14 15 16 17 18 19	2 0 1 1 1 2 2 **** 1 - 1	1 1 2 1 2 1 1 0 1	1 0 1 1 1 2 1 1 0	1 0 1 1 1 0 1	1 0 1 2 1 1 1 0 1	1 0 1 1 1 4 1 0 0	0 1 2 2 1 2 2 1 1	0 1 2 3 1 2 1 1 0 1	0 1 2 4 1 2 1 1 0	0 0 2 3 1 1 1 0 1	0 0 2 4 2 1 1 0 1 1	1 4 4 2 1 2 0 0 0	**** 2 3 2 2 1 3 2 1 1	1 3 2 2 1 2 1 0 2	1 3 2 2 1 2 1 1 0	1 1 3 2 2 1 2 1 0	1 1 3 1 2 1 1 0 0	1 2 3 1 2 1 1 1 0	1 1 3 2 2 1 1 1 1	1 1 2 1 1 1 0 0	0 0 2 1 2 1 1 0 0 1	0 0 2 1 1 1 0 0 0 0	1 0 2 1 1 1 0 0 0 0	0 0 1 1 1 0 0 0 0 0	1 1 2 2 1 1 1 1 1 0
21 22 23 24 25 26 27 28 29	0 0 0 1 1 0 1 1 1 1 1	3 0 0 0 0 0 0 1 1 1	0 0 0 0 0 0 1 0	0 0 0 0 0 0 1 0	000000000000000000000000000000000000000	000000000	1 0 0 0 1 1 1 2 2 1 1 1	0 0 0 0 1 1 1 1 1 1	0 0 0 0 0 1 2 1 1	0 0 0 0 0 1 1 2 1	1 0 0 0 0 0 1 2 2 1	0 1 0 0 0 0 0 0 2 2	1 1 0 0 - 1 1 3 3 1	1 2 0 0 0 1 3 2 2	0 1 0 0 0 1 2 2 2	0 0 0 0 1 2 2 2 1	0 0 0 1 1 2 2 2 1	1 1 0 0 1 1 2 3 2 1	1 0 0 1 0 1 2 2 2	2 0 0 0 0 0 1 2 2 1	1 0 0 0 0 0 1 1 1	1 0 0 0 0 0 0 1 1 0	0 1 1 0 0 0 1 1 1 1	0 0 0 0 1 1 0 1	1 0 0 0 0 0 1 1 1 1 1
31	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0
MEAN	1	1	1	. 1	1	1	1	1	1	1	1	1	2	1	1	-3	31	1	1	. 1	1	1	-1	1	1.0

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "." INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION -	С	NO :	33002		HARMA	CY ANI	401	. Sc	ARBOR	DUGH				MONT	тн	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 0 0 1 2 0 1 1 0 1	0 0 0 1 1 1 1 1 1 2	0 0 1 0 0 1 0 0 2	0 0 0 0 0 1 0 1	0 0 0 0 0 0 1 0 1	0 0 1 1 1 0 0 1	0 0 2 1 1 1 1 2 1 2	0 0 2 1 1 1 2 1 2	0 0 1 1 1 0 1 2	0 0 1 1 1 0 1 1 1 2	0 0 1 1 1 0 1 1 1 3	0 1 1 1 0 1 1 2	1 1 2 1 1 2 2 3 3	0 1 2 1 1 1 0 4 2	0 0 2 1 0 1 1 3 2	0 0 2 1 1 0 1 1 2 2	0 0 2 1 1 0 1 1 2 2	0 1 2 1 2 0 1 0 3 2	0 1 1 1 1 1 1 3 2	0 1 1 1 1 1 0 2 3	0 1 0 1 1 0 0 2 2	0 1 1 1 0 0 0 1 2	0 1 2 1 1 0 0 0 1 2	0 1 1 1 1 0 0 0	0 0 1 1 0 1 1 1 2
11 12 13 14 15 16 17 18 19 20	2 0 1 1 1 3 0 0 1 0	2001150010	1 0 0 1 1 4 0 0	2 0 0 1 1 3 0 0 1 0	1 0 0 0 1 1 0 0 1 0	2 0 0 0 1 0 0 0 0	2 1 1 1 2 0 0 1 1 0	1 0 2 1 2 0 0 1 1 0	1 0 1 2 2 0 0 1 1	1 0 1 2 2 0 0 1 0	2 0 1 3 2 0 **** 1 0 0	1 0 1 3 3 0 0 1 0	2 1 1 3 3 0 0 1 0 0	1 0 2 3 2 1 0 1 0	0 2 2 2 0 0 1	2 2 0 0 1 0 0	0 2 2 2 0 0 1 0 0	0 1 2 2 3 0 1 1 0 1	1 1 2 2 5 0 0 2 0 0	1 0 1 2 3 0 0 2 0 0	1 0 1 1 2 0 0 1 0 0	0 0 1 1 2 0 0 1 0	0 0 1 0 2 0 1 1 0 0	0 0 1 0 0 0 0	1 0 1 2 2 1 0 1 0
21 22 23 24 25 26 27 28 29 30	0 0 1 2 1 0 0 2 0 0	0 0 1 2 1 1 0 2 1	0 0 1 1 0 0 1 0 0	0 0 1 1 0 0 1 0 0	0 0 1 1 0 0 0 1	0 0 1 1 0 0 0 1 0 0	0 1 2 1 1 1 1 2 1 0	0 0 1 1 1 1 2 1 0	0 0 0 1 - 1 1 2 1 0	0 0 0 2 - 1 1 1 1 0	0 2 0 1 1 1 1 1 0	0 2 **** 4 1 1 1 0 1	0 2 3 4 2 2 2 1 1	0 5 3 **** 1 2 2 1 1	0 3 4 1 2 2 0	0 3 3 4 1 2 2 3 0 0	0335122200	1 3 4 3 1 2 2 1 0 -	1 3 3 2 1 1 2 1 0 0	1 3 3 2 0 1 2 0 0 0	0 3 2 1 0 1 2 0 0 0	0 2 2 1 0 0 - 0 0 0	0211002000	0 1 1 1 0 0 0 2 0 0 0	0 2 2 2 1 1 1 0
MEAN	4	1	1	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID . 0.6

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS . O.O1 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

MONTH - JUL

PERCENTAGE OF DATA UNAVAILABLE -

2.2

1.1

POLLUTANT - SULPHUR DIOXIDE

STATION - C NO 33002

24 MEAN HOUR DAY 0 2 D 6 ō 8 9 C ō ŏ ō ō ò n O O 24 25 DATA INVALID INVALID 27 o ō o ō o O Ō O O 1.0 MEAN

PHARMACY AND 401, SCARBOROUGH

PERCENTAGE OF DATA VALID - 85.5 PERCENTAGE OF DATA INVALID - 12.4

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

MONTH . AUG STATION -C NO 33002 PHARMACY AND 401. SCARBOROUGH 24 MEAN HOUR DAY 0 o ō ò ō ō Q n 22 23 24 25 26 ò 5 5 5 0 5 4 0 5 5 3 0 o

PERCENTAGE OF DATA VALID - 92.1 PERCENTAGE OF DATA INVALID - 7.4 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

1 1

2. "." INDICATES DATA IS UNAVAILABLE

MEAN

3. " --- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	ST	ATION	- (NO.	33002	1	PHARM	ACY A	ND 40	1, SC	ARBOR	OUGH				MON	тн -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	0 0		0 0 0 **** **** 0 0 ****		0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 1 0 5 1	0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0	0 0 2 0 0 0 0 0 0 0 1 1	0 0 2 0 0 0 0 0 0 1 1	0 0 1 0 0 0 0 0 0 0 1 1 1 1	0 0 2 0 0 0 0 0 1 2	000200000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	1 1 1 2 1 0 0 0	1 1 2 1 0 0 0 0 0 0	1 1 1 1 0 0 0	1 1 1 1 0 0 0 0 1	1 1 1 1 0 0 0 0 1	1 1 1 1 0 0 0 0 1	1 1 2 1 2 0 0 0 0 1	1 1 2 1 0 0 0 0 0 0	1 1 2 1 1 0 0	1 1 1 1 0 0 0 1	1 1 1 1 1 2 1 0 1	1 1 2 1 0 0 0	1 1 1 2 1 0 2 1 1	1 1 2 2 1 0 1 1 0 0	1 1 2 1 **** 0 1 1 0 0	1 1 3 1 0 0 1 1 1 0	1 1 2 1 0 0 1 1 0 2	1 1 2 1 0 0 1 1 0	1 1 3 2 0 0 1 1 1	1 1 2 2 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0	1 1 2 2 0 0 1 1 1	1 1 2 2 0 0 1 1 1 0	1 1 2 1 0 0 1 0 0 ****	1 1 2 1 0 0 0 0 0	1 1 2 1 1 1 0 1 1 0 1
21 22 23 24 25 26 27 28 29 30	***** 0 0 1 0 0 0 0 1 1 0 0 1 1 1 1 1 1	1 0 0 0 0 0 0 0 0 0 0 0		**** 1 0 2 0 0 0 0	0	**** 0 0 6 0 - 0 1 0	**** 0 0 3 0 - 1 0		**** 1 2 2 1 2 1 1 1	**** 2 1 1 0 1 1 1	**** 2 0 1 0 1 1 1 1	**** **** 1 2 0 1 0 1 0	1 1 1	I NVA ***** 0 1 1 0 0 0 0	0 0 1 1 0 0 0 1		0 0 0 1 0 0 0	1 1 0 0	0 0 0 1 1 0 0	0 0 0 1 0	1 0 0	0 0 1 0 0 0 1 1			1 1 0 0
MEAN	0	0	0	0	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 87.1

PERCENTAGE OF DATA INVALID - 11.9

PERCENTAGE OF DATA UNAVAILABLE - 1.0

"***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401, SCARBOROUGH MONTH - OCT HOUR 24 MEAN DAY 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 1 2 1 0 * Q Ó 22 23 24 25 26 27 28 0 0 1

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 7.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

PERCENTAGE OF DATA VALID - 91.7

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- с	NO	33002		PHARMA	CY AN	D 401	. SC	RBOR	OUGH				MON'	TH - M	IOV	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	1	0	0 3 2	0	1	1	1	1	1	1	1	1	1	1
2	1	2	2	3	2	3	6	8	7	5	4	3	4	3	3	3	3	3	2	3	5	3	2	- 1	3
3	1	1	1	1	2	1	1	1	2	1	1	1	2	2	1	0	0	0	0	0	0	1	0	1	1
4	1	0	٥	0	0	0	c	0	1	1	0	0	0	0	70.	1	1	2	2	6	1	3		4	1
5	2	5	5	8	6	2	2	4	4		•	-			-	•			-		•	7.0	-	-	
6	*		•			- 1	:		•	-			••••	1	1	1	1	1	1.	1	1	1	1	0	*****
7	0	0	0	0	O	0	0	0	0	0	0	٥	0	0	0	0	O	0	0	0	0	0	0	0	0
8	0	0	0	0	С	0	0	0	2	1	0	0	٥	0	0	1	0	0	0	0	0	0	0	0	0
9	0	0	٥	0	С	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
10	0	0	0	٥	C	0	٥	0	2	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0
11	0	0	0	0	С	0	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	Q	0
12	0	0	0	0	C	0	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0
12 13 14	0	0	0	0	C	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
14	0	0	0	0	C	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	2	0
15	2	1	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1		1
16	1	1	2	1	1	1	1	1	1	1	1	1	1	- 1	1	1	1	1	1	1	1	2	2	2	1
17	2	2	3	- 1	2	2	3	4	4	11	1.0	8	4	4	4	4	4	5	5	4	3	2	2	1	4
15 16 17 18 19 20	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	5	2	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	0	0	0	1	0	0	0	0	1
20	0	0	1	0	C	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	o
21	0	1	2	1	1	1	1	1	1	1	1	í	0	1	0	0	0	0	О	0	٥	0	0	0	1
22	0	0	0	0	C	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	1	0	C	0	٥	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
24	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	3	3	4	3	3	2	2	2	2
22 23 24 25 26 27 28 29	2	2	2	2	3	2	2	1	1	2	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1
27	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
28	0	0	1	0	C	o	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
29	0	0	0	0	O	0	0	O	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1
30	1	1	2	2	3	2	2	3	2	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1
													85												

PERCENTAGE OF DATA VALID - 95.3

MEAN

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 4.2

NOTES 1. " **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS . 0.01 PARTS/MILLION STATION - C NO 33002 PHARMACY AND 401. SCARBOROUGH MONTH - DEC 76 HOUR 10 11 12 13 15 16 17 18 19 20 21 22 23 24 MEAN DAY 1 2 3 4 5 6 7 8 9 2001 0 12 1 0 0 0 2 1 0 17 0 1 11 0 3 3 11 12 13 14 15 16 17 18 19 0206321 02034 030232. 10 0 3 3 20331 .. 3 2 0 00 1 2 0 0 Ó 0 21 22 23 24 25 26 27 28 0 0 7 31 0 0 0 0 0 0 MEAN 1 1 1.5

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 1.9

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	C NO 33002	PHARMACY AND 401.	SCARB	OROUGH				
MONTH	NO O	F DAYS A	VERAGE	CONCENT	24-HOUR	MAXIMUM	MAXIMUM	READING
JAN	1	27	1	.5		4	9	1
FEB	1	23	1	. 2		4	5	i
MAR	3	24	1	.1	!	5	12	1
APR	3	28	0	1.7		3	5	,
MAY		31	1	.0		3	4	1
JUN	ä	30	0	1.9		2	5	i
JUL	98	27	1	.0		6	10)
AUG		29	1	.1		5	6	5
SEP		27	C	1,5		2	•	3
OCT		28	C),7		3	1	,
NOV		28	C	0.9		4	1	į.
DEC		31	1	.5		5	19)
YEAR	3	33	1	.0		6	19	•

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT -	SUL	PHU	R D	OXI	DE											UN I	TS	- 0	.01 PART	S/MILLION
STATION -	С	NO	3300	02		PHA	RMAC	Y AN	D	401,	sc	ARB	DROL	JGH						
MONTH	00	ТО	04	05	то	10	1.1	TO 1	4	15	то	25	26	то	39	40	80v	ER	TOTAL	
JAN		6	06			29			0			0			0			0	63	5
FEB		5	56			8			0			0			0			0	56	4
MAR		5	69			29			3			0			0			0	60	1
APR		6	77			6			0			0			0			٥	68	3
YAM		7	31			0			0			O			0			0	73	1
JUN		7	05			4			0			0			0			0	70	9
JUL		5	78			58			0			0			0			0	63	6
AUG		6	13			72			0			O			0			0	68	5
SEP		6	24			3			0			0			0			0	62	7
OCT		6	75			7			0			0			0			0	68	2
NOV		6	72			13			1			0			0			0	68	6
DEC		6	89			31			5			3			0			O	72	8
YEAR		76	95			260			9			3			0			0	796	17

EQUENCY	PERCENT	TON BY	PERCENTILES			CONCEN	TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	90.7	0	0.0	0.0	0.1	0.8	2,1	3.3	4.8	5.6	19	1.0

POLLUTANT - SULPHUR DIOXIDE

	STA	TION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH														MONT	гн -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1022362033	1 0 2 2 5 4 1 0 3 3 3	1 0 2 2 5 4 1 0 3 3 3	1 0 2 2 4 4 1 0 3 3 3	1022551033	1 0 2 2 5 4 1 0 3 4	1 0 2 2 3 5 1 0 3 4 2	1 0 2 2 3 5 1 1 3 4 2	1 0 2 2 3 5 1 1 3 4 2	1 0 2 2 4 6 1 1 3 4	1 0 2 1 8 6 1 1 3 4	1 0 2 1 10 5 1 1 3 3 3	1022861522	1 0 2 2 4 4 1 4 2 2 3	1 0 2 2 3 5 1 0 1 2 2	2 2 3 2 1 2 1 2 2 2	0 1 2 2 1 1 1 2 1 2 2 2	0 1 2 1 2 2 3 2	3 2 3	0 1 2 1 3 2 3 2 3 2	0 1 2 2 0 3 3 4 3	0 2 2 1 2 2 0 3 3 4 3	0 2 2 2 7 2 0 3 3 3	02228203333	1022441233
12 13 14 15 16 17 18 19	2 4 2 1 2 2 1 6 3	252121164	2 4 2 1 2 1 1 5 5	3 2 4 2 1 2 1 1 6 4	3 2 4 1 1 2 2 1 5 3	2 2 6 1 1 2 1 1 5 3	2 6 1 1 1 0 8 3	2 7 1 1 2 1 1 8 3	2 3 7 1 1 2 1 2 9 3	2 8 1 1 2 1 1 9 3	3 8 1 2 1 1 7 3	2 7 1 1 2 1 1 6 3	5 6 1 2 1 5 3	4 1 1 2 1	3 5 1 3 1 2 5 1	2 5 1 2 1 2 2 5 9	241222351	1 7 2 1 4 6	2 1 1 6 3 1 5 7	1 1 2 4 1 6 5 1	3 1 1 2 2 2 6 4 1		1 1 2 2 1 8 3	3 1 2 2 1 6 3 1	3 4 1 2 2 1 3 6 3
21 22 23 24 25 26 27 28 29 30	1 1 6 2 3 2 0 0 3 2	52420042	2 1 5 2 5 2 0 0 3 2	3 1 4 2 6 2 0 0 1 2	4 1 4 2 4 2 0 0 1 1	2142420101	3 1 4 3 3 2 0 1 0 2	4 1 2 3 3 3 1 1 0 2	5 1 2 3 3 - 1 1 0 1	2 1 2 2 3 - 1 1 0 - 3	1 1 3 2 3 0 1	2 1 3 3 2 3 0 1	2 2 3 0	2 2 4 0	2 4 0 2 0	2320106	3 2 3 2 0 1 1 0 4	2	3 1 2 2 2 1 0 1 1 1	3 2 2 2 3 1 0 1 2 0 3	4 1 2 2 2 1 1 1 2 0	1 2 2 2 0 0 0 2 1 2	3 2 3 2 0 0 1 2	3 5 2 3 2 0 0 1 2 1 2	2 1 3 2 3 2 0 1 1
31	2	3	3	5	2	5	6	17	4	3	2		4	2	2	-	-	-	4	3	3	2	-	-	-

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- \$	ULPHL	IR DIO	XIDE								UNITS	- 0.	01 PA	RTS/N	ILLIC	N						
	STAT	ION -	c	NO 3	3003	Ĺ	AWREN	NCE/KE	NNEDY	SCA	RBORO	UGH				MON	тн -	FE8	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	2 1 2 6 1 2	2 1 2 5 1 2	2 1 2 5 1 2 0	2 1 2 6 1 2	3 1 3 6 1 4	2 1 4 5 1	3 1 1 5 9	3 1 2 5	4 9 1 4 0	3 15 1 3 0	1 2 1 0 2	4 2 1 1 0 2	3 8 1 1 3	3 0 10 0 1	4 0 12 0 0	5 0 9 	4 1 6 1 1	3 **** 5 1 1 - 3	6 1 1 3	111111111111111111111111111111111111111	3 1 8 2	2 1 6 2	1 1 9 2 0 0 3	2 1 7 1 1 0	3 2 5 3 1
8 9 10	1 0 5	1 1 4	1 2 5	1 1 5	2 1 5	2 2 3	1 3	2 5	3 - 6	4	4	3	1 - 4	2 3 5	1 5 4	1 13 3	1 9 3	1 4	1 1 6	1 3 2	3	3 1 2	1 2 3	4 2	1 3 4
11 12 13 14 15 16 17	1 0 2 1 1 2 1 0	1 0 1 1 2 2 1 0	1 0 2 1 1 2 1 0	0 0 2 1 1 2 1 0	1 1 2 1 1 1	2 2 3 1 1 1 1 0 0	2 4 3 2 1 1 0	2 5 2 3 1 1 2 0	1 2 2 4 1 2 2 0	0 1 2 2 1 1 2 0	1 1 1 1 2 0	1 0 1 0 1 1 2 0	1 1 0 1 1 5 0	0 3 1 0 1	0 1 8 0 1 1 1 8	1 1 2 0 1 1 1 3	1 1 1 1 - 1	1 3 1 0 1 1 0 1 2	0 3 1 0 1 1 0 1 1	0 3 1 0 2 1 0 1	0 4 1 0 2 1 1 1 1	0 4 1 0 2 1 2	0 3 1 1 2 1 0 2 2	0 3 1 1 2 1 0 1 2	1 2 2 1 1 1
19 20	i	i	i		•	-	ż	2	2	2	2	i	••••	i	ī	i	1	2	-	i	,	1	1	1	1
21 22 23 24 25 26 27 28 29	3 * 3 6 . 1 0	1 1 3 4 2 1	1 2 2 3 2 1 0	1 2 4 2 1	1 2 5 2 1	1 - 2 4 2 1	1 0 4 4 2 1 1	1 0 5 6 2 1	1 0 0 4 5 4 1 1	0 3 2 1 1	0 0 3	4 2 3 1	1 1 4 1 3 1 -	1 0 1 3 4 3 1 1	1 3 3 6 2 1	3 4 3 1	3 - 3		0 2 3	1 0 2 3 7 1	1 0 2 3 4 1	1 0 3 3 2 1 1 -	1 0	3 5 2 1 0 .	1 0 2 3 4 2
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 87.1 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 10.1

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. *-* INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION -	С	NO	33003		LAWREN	CE/KEN	NEDY	SCA	RBOROU	IGH				MON	TH - 1	MAR	76						
HOUR DAY	i	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 1 1 1 1 0 4 3 3	0 0 1 1 1 1 1 0 5 2	0 0 0 1 0 1 - 0 - 2	0 0 0 1 0 1 1 ****	0 0 0 1 0 1 1 0 2 2	0 0 0 1 1 1 0 3 3	0 0 0 0 1 2 1 0 4 6	0 0 1 0 1 1 0 3 5	2 0 1 1 2 1 1 1 1 6	0 0 1 1 2 1 1 0 1 6	0 0 1 1 1 1 1 1 1 0 9	1 1 7 1 1	1 **** 1 6 1 4 1 ****	1 0 1 1 3 - 1 0 ****	0 8 1 1 1 2 0 1 4	0 0 16 1 1 1 0 0 1 3	0 0 1 1 0 1 1 3	1 0 0 2 1 0 1 1 3	1 1 0 0 0 1 **** 1 1 3	2 1 0 0 1 1 0 1 1 3	0 0 0 0 1 2 0 1 ****	0 0 0 - 1 4 0 1 2	0 0 0 - 1 6 0 2 2 2	3 0 3 2 2	0 0 1 1 2 2 1 1 2 4
11 12 13 14 15 16 17 18 19	2 2 1 1 1 1 1 3 1 3 3	2 3 1 1 1 1 1 1 3 1 3	2 3 1 2 1 2 2 3 1 3	2 1 2 1 2 2 3 2 3	4 **** 1 2 1 2 4 4 2 3	3 1 1 2 1 1 3 4 2 3	3 1 1 2 1 1 2 4 4 4 2	3 1 5 1 1 2 4 5 2	2 1 3 1 1 2 4 5 3	4 1 1 3 1 1 3 6 3 4	2 1 1 3 1 1 3 4 3 4	1 1 2 1 1 2 3 3 5	1 2 2 1 1 **** 2 3 5	1 2 1 1 1 3 4	**** 2 1 1 2 1 1 2 4 4	**** 1 1 1 1 2 3 5	1 1 1 1 1 1 3 4	1 1 1 2 0 1 1 2 3 6	1 1 1 1 1 1 1 2 4 6	1 1 1 1 1 1 2 15 6	1 1 2 1 1 1 1 2 7	1 1 1 1 1 2 4 5	2 0 1 1 1 1 2 3 5	2 1 2 1 1 2 2 3 5	2 1 1 2 1 1 2 3 4
21 22 23 24 25 26 27 28 29 30	5 2 7 3 4 1 1 0 0	4 1 3 4 3 1 1 0 0	4 - 2 5 2 1 2 1 0	4 1 4 4 2 1 1 0 1	4 3 6 4 2 1 2 0 0	4 4 2 4 2 1 2 0 0	4 4 2 4 2 2 1 0 0 9	3 2 3 5 3 1 1 0 0 9	3 * 2 4 5 3 1 1 0 0 9	4 5 2 1 1 0 0 9	3 5 2 0 1 0 8	3 2 2 2 2 0 2 1 0 8	3 4 2 **** 2 **** 1 1 ****	2 4 2 2 1 **** 1 1 **** 1	2 3 3 2 1 0 1 1 1 1 1 2 2	3 2 3 2 1 0 1 1 1 1 1 1	2 2 4 2 1 0 1 1 1 1 1	2 2 5 3 1 0 1 1 2	2 4 3 1 0 1 0 1	2 3 4 4 1 0 1 0 1 1	2 1 5 4 1 0 1 0	2 4 4 1 1 0 1 0 1	1 3 3 5 1 1 0 1 0 2	1 10 4 3 1 1 0 0	3 3 4 4 2 1 1 0 0 4
31	2	2	2	2	2	2	2	2	2	2	3	*		2	2	2	2	2	2	3	3	3	5	6	3
MFAN	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	2	1	2	2	2	2	2	1 9

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

" - " INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAT	ION -	C	NO 3	3003		LAWREN	CE/KE	NNEDY	SCAF	RBORO	UGH				MON	тн - ,	APR	76						
HOUR	į	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1 2 1 1 0 10 0 0 0 2	1 1 1 1 1 8 0 0 0	1 2 1 1 0 7 0 0	1 1 0 0 5 0 0 1	1 1 1 0 0 5 0 0 0	1 1 6 0 0 1 1	2 1 1 0 1 6 0 0	2 1 0 1 6 0 0 1	4 2 1 0 1 4 0	4 1 1 1 4 1 1 0	3 1 1 1 0 0 0	0	2 1 1 1 1 1 1 0 0 0 0 0 0 1 1 1	2 **** 1 1 2 0 **** 0 1 1	2 1 12 0 1 0 1	1 2 1 0 0 1 0 1 1	1 1 0 1 1 0 1 1	1 1 2 1 0 1 1 0 1 1	2 2 2 1 1 0 0 0	2 2 2 2 1 0 1 0 1 1	3 2 1 3 1 0 1 0 2 1	3 1 3 1 0 0 2 1	2 2 1 1 2 0 0 0 2 1	3 2 1 1 0 0 0 2 1	2 1 1 1 3 0 0 1 1
11 12 13 14 15 16 17 18 19	1 0 0 0 0 0 0 1 1 0 0	1 0 0 0 0 0 1 0 0 0	1 0 1 1 1 0 0 1 3	1 0 1 1 0 0 1 3 0	1 1 1 0 0 0 0 1 3	0000100190	1 0 0 1 1 9 0	0 0 1 1 0 0 0 1 0 0	0 0 1 0 0 1 1 0	0 0 1 1 0 0 1	0 0 1 1 0 0 1 1 0	0 1 0 1 0 1	0 1 1 1 1 0 0 0 0 0 0	0 0 3 0 1 0 0 0 0 1	0 0 0 0 1 0 0 0 1	1 0 0 0 1	0 0 0 0 1	0 0 0 1 1 0 0 0 1	1 0 0 1 1 0 0 0	1 1 0 1 0 0 0 1 0 1	1 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0 1	0 1 0 0 0 0 0 0	0 1 0 0 1 1 0 0 0	0 0 1 1 0 0 1 1 0
21 22 23 24 25 26 27 28 29 30	010000000	010000000	00000000	0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 1 3 **	0 0 0 0 0 1 0 1	0 1 0 0 0 0 1 1 0 1 1	0 1 0 0 0 1 1 1	1 0 0 0 0 1 0 1 2	0 1 0 0 0 0 1 0	0 1 0 0 0 1 1 1	0 1 1 0 0 0 0 1 1	0 0 0 0 0 1 1 0	0 1 0 0 0 0 0 0 4 1 0	0 1 0 0 0 0 0 0	1 1 0 0 0 0 1 2 2 0	1 1 0 0 0 1 1 1 0	0 1 0 0 0 1 0 1 0	0 1 0 0 1 0 1 0 2	0 0 0 0 1 1 0 2 0	1 0 0 0 1 1 0 2	1 0 0 0 1 1 0 2 0	1000011000	000000000000000000000000000000000000000	0 1 0 0 0 1 0 1 1

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- c	NO .	33003	3)	LAWREN	CE/KE	NNEDY	SCAF	RBORO	UGH				MON	TH - 1	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 0 1 3 0 0 1 1 1 2	1 1 0 1 3 0 0 1 2	1 1 1 1 2 0 0 1 1 2	1 1 0 1 2 0 0 1 2 2	1 1 0 1 3 0 0 1 2 2	1 1 0 1 3 1 0 1 2 2	1 0 1 3 1 0 1 2 2	1 1 0 1 3 1 0 1 2	1 1 0 1 3 1 0 1 2	1 1 0 1 3 1 0 1 2 2	1 1 0 1 2 1 1 1 2 2	1 0 1 3 1 1 1 2 1	1 1 2 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 0 0 1 1 1 1 1 1 1	0 0 0 1 1 1 0 1	0 0 0 2 1 1 1 1 0 1	1 0 0 2 1 1 1 1 0	1 0 - 2 1 1 0 1 0 1	1 0 1 2 1 0 0 1 1 1 1	1 0 1 2 1 0 0 1 1 1 1	1 0 1 2 1 1 1 1 1 1 1	1 0 1 2 0 1 1 1 1 1 1 1	1 1 0 1 2 1 0 1 1
11 12 13 14 15 16 17 18 19 20	1 0 1 1 1 0 0 0 0 0 0 1	1 0 1 1 0 0 0 0	0 0 1 1 0 0 1	0 0 1 1 0 0 0 1	0 0 1 1 1 0 0 0 0 0 0	0 0 1 1 0 0 0 0	0 0 1 1 0 0 1	1 0 1 2 1 0 0 1	1 0 1 0 1 0 0 1	1 0 1 2 0 0 1 1 1 1 1	1 0 2 2 1 0 1 1 1 1 1	0 1 1 0 0 1 1 4 0	0 1 1 0 0 1	0 1 1 0 0 1 1 0 1	0 0 1 0 0 1 1 1 1	1 0 0 1 1 1 1 1	1 0 0 1 0 0 1 1 2 0	1 0 0 0 0 0 1 0 2 1	1 0 0 1 0 0 1 1 1 1 1 1	1 0 0 1 0 0 1 1 1 1	1 0 0 1 0 0 1	0 1 0 0 1 0 0 2	1 1 1 0 1 0 1 1	1 1 0 0 1 0 0 1 1	1 0 1 1 0 0 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 0 0 1 1 1 1	1 1 1 1 0 0 0 1 1 1	1 1 1 0 1 0 1 1	1 1 1 1 0 1 0 1 1 1	1 1 0 0 1 1 1 1	1 1 0 1 0 1 1 1 1	0000	1 1 0 0 0 1 1 1 1 1	1 0 0 0 0 0 1 1 1 1	1 1 0 0 0 0 0 0 1 1 1 1	1 0 0 0 0 0 0 2 1 1	200000511	2 1 0 0 - 0 1 2 1 1	2 2 0 0 0 0 0 2 2 1 1	0 0 0 1 1 1 1	1 0 0 1 0 0 0 1 1 1	1 0 1 0 1 1 1 1 1	2 1 0 1 0 0 1 1 1 1 1	2 1 0 1 0 0 1 1 1 1 1	2 1 0 1 0 0 1 1 1 1 1	2 0 0 1 0 0 1 1 1 1 1	2 1 1 1 0 0 1 1 1 1 1 1	1 1 2 1 0 0 1 1 1 1 -	1 1 2 0 0 0 2 1 1 1	1 1 0 0 1 1 1 1
31	•	•	*	:*:		•		٠		*	٠	÷		٠	••••	1	1	1	1	2	1	2	1	1 -	*****
MEAN	1	1	1	1	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 95.8 PERCE

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUN STATION - C NO 33003 24 MEAN HOUR DAY 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 0 0 2 10 ...! 0.8 MEAN

PERCENTAGE OF DATA VALID - 97.9

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	ST	ATION	- C	NO	33003		LAWRE	NCE/K	ENNEDY	SCA	RBORG	UGH				MON	TH -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	0 0 1 0 1 0 1	0 0 1 0 1 0 1	0 0 1 0 0 0 0	0 0 1 0 0 0	0 0 1 0 0 0	**** 0 1 0 0 1 0 0 0 0 0 0	0 0 1 0 1 2 1 0 1	0 0 0 1 2 1 0 0	0 0 0 0 1 2 1 0 ****	0 0 0 0 1 2 1 0 0	0 0 0 1 7 1 0	0 0 0 0 0 6 1	00 **** 0 **** 2 2 1 5	00042202	0 0 0 1 1 2 1	0 0 0 1 1 1	0 0 0 1 0 1 1	0 0 0 1 0 0 1	0 0 0 1 1 0 0 1	000000000000000000000000000000000000000	0 0 0 1 1 0 0 0 1	0 1 0 1 1 0 1	1 1 0 1 0 1	0 1 0 1 1 1	0 0 0 1 1 1 0
9 10	0	0	1	1	1	1	1	1	-	1	ō	1	ō	ō	ò	ō	1	1	ò	õ	ò	1	1	Ö	i
11 12 13 14 15 16 17 18	0 0 0 1 2 ****	0 0 0 1 1 ****	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 1 1 ***** 0 0 0 0 0 0	0 1 1 1 2 **** 0 0	0 1 1 1 2 ****	0 1 1 1 2 **** 0 0	0 1 1 1 1 ****	0 1 1 1 1 **** 0 0 0 1 2	0 1 1 1 - **** 0 0	0 1 1 1 - **** 0 0	0 1 5 - 1 **** 0 0	0 1 1 1 **** **** 0 0	0 1 1 1 ***** 0 0 0 0	1 1 2 **** 0 0 0	1 1 1 2 ***** 0 0 0 0	1 1 1 2 **** 0 0	1 1 2 **** 0 0 0	1 1 2 **** 0 0 1	0 1 1 4 **** 0 0 0	0 1 1 4 **** 0 0 0	0 0 1 2 **** 0 0 0 0 0	0 0 1 2 **** 0 0	0 0 1 2 **** 0 0 0	0 1 1 2 ****** 0 0 0
21 22 23 24 25 26 27 28 29 30	1 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000	100000-200	0 0 0 1 - 0 0	1 0 0 0 0 0 0 0 0	1 0 0 0 0 1 0 1 0	1 0 0 0 0 0 0 0	1 0 **** 0 0 3 1 0 0	1 **** **** 0 0 1 0 -	1 **** 1 0 0 1 1 1 1 0 7	1 **** 1 0 0 2 0 1 ****	1 **** 1 0 0 1 0 1 0		0 0 1 0 0 1 1 1 0	0 0 1 0 0 1 2 2 0	0 0 0 0 1 3 0 0 1	0 0 0 0 0 1	0 0 0 0 1 0 0 0 2	0 0 0 0 1 0 0 0 2	0 0 0 1 1 0 0 0 2	0000000	1 0 0 0 0 1 1 0 0
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0.5

PERCENTAGE OF DATA VALID - 92.6 PERCENTAGE OF DATA INVALID - 5.2

PERCENTAGE OF DATA UNAVAILABLE - 2.2

- NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - AUG STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH 24 MEAN HOUR DAY 10 12 13 14 15 16 22 23 24 25 26 27 o 29

PERCENTAGE OF DATA VALID - 97.3

MEAN

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.5

0.9

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

201	LUTAN	CILL O	CILLI	DIAY	TOE

	STAT	ION .	• с	NO 3	3003	L	AWREN	CE/KEI	NEDY	SCAF	BORO	UGH				MONT	rH - 9	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 0 0 1 0 0 1 1 1	0 0 0 1 0 0 1 1	0 0 1 0 0 1 0	0 0 0 2 0 1 1 0 1 3	0002011012	0 0 0 1 0 1 1 1	0 0 1 1 0 1 1 1 1 1	0 0 1 0 0 1 2 1 1 1 1	0 0 0 1 0 1 1 1 1	0 0 1 0 0 2 0 1	0001002021	0 0 0 0 0 1	0 0 1 0 0 1 1 0 2 0	0 0 1 1 1 1 0 2 0	0 0 1 1 0 2 0 0 1 0	0 0 1 0 0 1 0 1 0	0 0 2 1 0 0 1 0	0 0 2 1 0 0 1 1	0 0 2 0 0 0 0 0 1 1	0 0 2 0 0 0 1 1 1	0 0 0 0 0 0 4 1 1 1 1	0 0 1 0 0 0 8 1 1	0 0 1 0 0 0 2 1 1 1	0 0 0 0 0 1 1 1	0 0 1 1 0 1 1 1 1
11 12 13 14 15 16 17 18 19	1 0 2 2 1 0 0 0 0	1 0 2 3 1 0 0 0 0	1 0 3 2 2 0 0 0 0	1 0 3 2 2 0 0 0 0	1 3 3 0 0 0 0 0 0 1	1 2 3 5 4 0 0 0 0 1	1 2 3 6 5 0 0 0 0 0	1 2 3 5 3 0 0 0	1 1 2 4 1 0 0 0	1 1 2 4 1 0 0 0 0 1	1 1 2 5 1 - 0 0 0 2	1 1 0 0 0 0 1	1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 1 2 2 1 0 0 0 0 1	1 1 3 2 1 0 0 0 0 0	1 0 2 2 1 0 0 0 1	0 0 2 2 1 0 1 0 0 1	1022100000	1 0 2 4 1 0 0 0 1 1	1 3 3 1 0 0 0	1 1 2 3 1 0 0 0	2 2 1 0 0 0 1 0	2 0 2 3 1 0 0 0 0 0	1022100100	1 1 2 3 2 0 0 0
21 22 23 24 25 26 27 28 29	0 1 2 1 3 1 1 1 1 1	0 1 3 1 1 1 1 0	0 1 1 3 1 1 1	0 1 1 1 0 1 1 0 0	0 1 1 4 1 0 1 1 0 0	1 1 2 3 1 1 1 1 1	1 1 2 4 1	1 1 2 2 1 1 2 1	1 1 1 2 1 1 1 2 1	1 1 2 1 1 1 2 1	1 3 1 2 1 1 1	1 1 2 1 1 1 0	2 **** 1 1 2 1 1 1 1 0	2 1 1 2 0 1 1 0 0	2 1 1 1 1 1 4 1 1 0	2 1 1 1 1 1 1 2 0	1 1 2 1 1 1 0	1 1 1 1 1 0	1 1 1 2 2 1	1 1 1 0 2 2 1	1 1 1 1 1 1 2 1	1 1 2 1 1 2 2	0 1 1 3 1 1 2 2	0 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- с	NO	33003		LAWRE	NCE/K	ENNED	Y SCAF	RBORO	JGH				MONT	H - 1	OCT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4	0 1 0	 0 0	0	0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 1 0	0 0 2	000	0	0	0	0	0	0	0	0	0	000	0
5 6 7 8	1 1 0	1 0 0	1 0 0	1 1 0	† † 0	1 1 0	1 1 1 0	1 1 0	1 1 0	1 1 0	2 1 0	1 1 0	1 1	1 7 1	0	0	1	1	1	1	1	1 0 1	1 0 1	1 0 1	1
9 10	1 0	1 0	1 1 2	1 1 2	0	0	0	0	0	0	0	ŏ	0	0 1	2	0	0 1	1	0 1	1	0 1	0	0	0 1	0
12 13 14	1	0 3 1	1 3 1	1 3 1 2	2 1 2	2 1 2	3 1 3	2 3 1 5	1 3 ••••	1 2 1 2	1 2 1 2	1	3 1 1	1 1	1 1	1 1	2 1 1 1	i 1 1	2 1 2	1 2	2	1	4 1 1	5	2 1 2
16 17 18 19	0	i 0 1	0	1 0	0	0	0	0	0	0	0	0	o o	0	0	0	0	0	0	0	0	0	0	0	0
20 21 22	1 1 0	1 2 0	1 2 0	1 2 0	2	2	2	1 2 1	1 2 1	2	1 2 5	2 0	2 0	2	2	2 2	1 0	1 0	1 0	1 0	1 1 0	1 1 0	0	-	1 2 0
23 24 25 26	1 0	0	0 0 0	0000	0	0000	0000	0 0	0 0	0 1 0	0 2 0	0	0 0 1	0 0	0	0 0 1	0 0 1	0 0 1	1 0 1	0 0	1 0 1	0 0	0 0 0	0	0 0
27 28 29 30	0 3 4 3	1 2 4 4	1 2 5 4	1 3 3 4	1 3 3 4	0 2 3 5	5 3 6	2 3 3 6	3 3 5	0 3 3 5	2 4	0 3 7 5	1 3 3 6	3 3 6	0 3 2 11	1 3 2 16	1 3 1 13	1 3 3 8	1 3 4 7	1 3 3 6	2 4 3 5	2 4 4 7	2 4 4 8	3 4 4 4	1 3 3 6
31 MEAN	5 1	5	5 1	4	4	4	4	3	3 1	3 1	3 1	3	2 1	2 1	3 1	3 1	2 1	3	3 1	3 1	3 1	3 1	3 1	3	3 1.2

PERCENTAGE OF DATA VALID - 90.7 PERCENTAGE OF DATA INVALID - 2.6

PERCENTAGE OF DATA UNAVAILABLE - 6.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	40 I TA	1 - 1	NO NO	33003	3	LAWRE	NCE/K	ENNED	Y SC	RBOR	OUGH				MON	TH -	NOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	****	****	***	6	10	2	2	3	3	4	Δ	4	4	5	4
2	4	5	4	4	7	8	7	6	4	3	5	6	6	3	5	6	6	5	8	6	7	7	5	4	5
3	4	5	5	5	5	6	5	5	5	4	4	4	7	4	4	5	5	3	4	3	3	4	5	3	4
4	3	3	2	2	1	1	2	2	3	3	3	3	3	3	-	3	3	3	3	2	1	1	- 3	1	2
5	2	3	3	2	5	1	3	4	4	6	7	1	1	1	0	0	1	1	1	1	1	1	1	1	2
6	1	1	2	1	.0	0	0	1	1	2	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	Ó	1	0	4
8	0	0	0	0	0	0	0	0	0	1	1	0	1	* * *	1	1	2	3	3	3	2	2	2	1	1
9	2	3	4	4	4	5	6	5	4	3	3	4	4	4	2	1	4	4	4	4	4	4	4	3	4
10	3	3	3	3	3	3	2	3	3	3	2		2	2	4	4	4	4	4	4	4	4	3	3	3
11	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	4	4	4	4	3	4	4	4	4	4
12	4	4	4	4	4	5	5	5	5	5	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4
13	5	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14	4	4	6	5	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	5	6	7	8	7	5
15	6	6	6	6	6	6	6	6	7	6	5	4	5	7	7	7	6	4	4	5	5	5	6	6	6
16	5	6	6	6	6	6	6	6	6	5	5	5	5	5	4	****	****	****	****	***	****	****	****	****	*****
17	***	***	****	***	****	****	***	***	****	****	20	***	***	6	5	6	6	5	5	6	5	4	4	3	*****
18	2	2	2	2	2	2	3	3	4	3	****	***	3	3	3	5	6	4	5	5	5	6	8	5	4
19	5	5	4	4		4	5	5	5	4	3		3	3	3	3	3	4	3	4	4	4	4	4	4
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	, 2	3	1	0	1	1	2	2	1	2
21	3	3	3	4	4	3	5	3	3	4	3	3	2	1	1	1	Ť	1		2	2	2	2	2	2
22	1	4	2	- 1	2	2		2	2	1	2		2	7	2	2	1	2	4	ō	ō	ő	ō	ō	2
23	o.	1	1	2	2	2		2	2	2	3	3	3	3	1	****	****	****	***	****	****	****	****	****	*****
24	****	***	****	***	****	****	***	***	****	****	****	***	****	****	Ó	1	0	o	1	0		1	1	1	*****
25	1	1	0	0	0	0	1	- 1	1	1	1	1	0	0	1	2	1	1	1	1	•	- 4	1	- 1	1
25 26	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	4	1	ý.	1	3	1
27	1	1	1	1	1	1	1	- 1	1	- 1	1	1	1	1	1	1	1	1	1	1	- 1	ò	o	Ó	1
28	0	Ö	o	Ö	0	0	0	0	0	0	0	0	0	Ó	0	Ö	0	Ó	o	ò	ò	ŏ	o	ō	ò
29	0	0		0	0	0	0	0	ō	0	****	0	o	0	ō	Ó	0	Ō	ŏ	ŏ	Ö	ŏ	Õ	ő	ŏ
30	0	Ō	ō	0	0	0		0	ō	0	0		0		ō	0	0	0	o	Ö	ŏ	ō	o		ō
MEAN	2	3	3	3	3	3	3	3	3	3	3	2	3	3	3	2	3	2	3	3	3	3	3	2	2.6

PERCENTAGE OF DATA VALID - 92.4

PERCENTAGE OF DATA INVALID - 7.2

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - DEC HOUR 22 23 24 MEAN DAY 4 4 3 4 3 4 5 6 7 8 9 5 12 13 14 15 16 17 18 22 23 24 25 26 27 28

PERCENTAGE OF DATA VALID - 95.2

MEAN

PERCENTAGE OF DATA INVALID - 3.0

PERCENTAGE OF DATA UNAVAILABLE - 1.9

2.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - C	NO 33003 LAWRENCE/	KENNEDY SCARBOROUGH		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.2	6	17
FEB	26	1.9	5	15
MAR	31	1.8	4	17
APR	30	0.7	3	12
MAY	30	0.8	2	5
JUN	30	0.8	4	10
JUL	29	0.5	2	7
AUG	31	0.9	3	7
SEP	29	0.9	3	8
OCT	28	1.2	6	16
NOV	26	2.6	6	10
DEC	29	2.5	6	16
YEAR	350	1.4	6	17

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	С	NO	330	С3		LAW	REN	CE/I	KENN	EDY	SCA	RBO	ROUG	Н					
MONTH	00	то	04	05	TO	10	11	TO	14	15	то	25	26	TO	39	40	AOVER	TOTAL	
JAN			651			73			0			1			0		0	725	i.
FEB		b	556			46			3			1			0		0	606	ì
MAR			653			48			0			3			٥		0	704	i
APR			696			10			1			0			0		0	707	,
YAM			712			1			O			0			0		0	713	ı
JUN			692			13			0			0			0		0	705	i
JUL			684			5			٥			0			0		0	689	,
AUG			721			3			0			0			0		0	724	ı
SEP			693			6			0			0			0		0	699)
oct			648			24			2			1			٥		0	675	5
NOV			553			112			0			0			0		0	669	5
DEC			630			75			2			1			0		0	708	3
YEAR		7	889			416			8			7			0		0	8320	3

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
94.7	٥	0.0	0.0	0.5	1.1	3.1	4.1	5.5	6.7	17	1.4

UNITS - 0.01 PARTS/MILLION

	S	MOITAT	1 -	C NO	33019	9	MET	BRANCH	SCAF	RBOROUGH	BLU	FFS.	SCAF	BORO		MON	- HTV	JAN	76						
HOUR DAY	1	2	3	3 4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	0 0 0 **** 3 5	0 0 **** 3 5	****) 0) 0 **** 3 3	0 0 ****	0 0 0 **** 5 1	0 0 0 **** 4 1	0	0 0 0 **** 4 1	0 0 0 **** 4 2 2	0 0 0 - 7 3 2	000-2422	0 0 **** DATA 2 6 2 5	0 0 **** INVAL 3 2 1 7	0 0 **** .ID - 6 3 1	0 0 **** 6 4 1	0 0 **** 6 4 1	0 0 **** 1 5 0	0 0 **** 3 4 0	0 0 **** 3 4 0	0 0 ***** 11 4 0	0 0 ***** 7 3 0	0 0 **** 2 3 0 2	3 3 0 3	0 0 ***** ***** 4 1
9 10	2	2 3	3			2	3 4		3	3	3	2	3	1	1	1	1	1	1	2	2	3	3	3 3 5	2 2 2
11 12 13 14 15 16 17 18 19 20	4 2 2 2 2 0 2 2 1 6 3	3 1 2 2 1 7	2 2 4 3 1 1 7 2	2 2 4 4 3 2 1 1 1 1	1 5 1 1 3 2 1 6	2 1 5 1 1 3 2 1 4 2	1 1 6 1 1 2 2 1 5	1 1 2 2 1 7	2 1 7 1 1 2 2 1 6 4	2 1 7 1 1 2 2 2 7 2	2 7 1 1 2 1 2 4 2	2 1 5 1 1 1 1 2 4 3	2 2 4 1 1 2 1 2 4 2	1 3 3 1 1 2 1 1 3 2	1 3 4 1 2 2 1 1 3 2	1 3 4 1 1 2 1 1 3	1 2 4 1 2 1 1 2 3	1 3 2 1 11 1 3 3	1 3 2 1 5 2 2 4 3 1	1 2 1 1 2 4 2 7 3	1 3 1 1 1 4 2 9 3 1	1 2 1 1 1 1 2 15 3	2 3 1 1 1 1 2 7 4 1	2 2 2 1 2 2 1 5 4 2	2 2 4 1 2 2 2 3 5 2
21 22 23 24 25 26 27 28 29	1 8 0 4 1 1 3	5 1 7 1 4 1 1 1 3	5 1 6 1 5 1 1 1 2	1 5 1 7 1 1 2	1 5 1 8 1 1 2	2 1 7 1 6 1 2 2 3 1	3 1 5 1 4 1 2 3 3	1 5 2 3	2 0 6 2 3 1 2 2 2 0	4 0 5 2 2 1 2 2 1 0	5 0 5 2 1 2 0 0	6 1 5 2 2 1 2 2 0 0	4132221200	2 1 3 1 1 2 1 6 2	2 1 2 1 1 2 1 2 1 0	3 1 3 1 1 2 1 2 1 0	3 1 3 1 2 2 1 1 2	3 1 3 1 3 1 0	3 1 3 1 1 2 1 2 0 0	2 1 2 1 1 2 1 0 0	3 2 1 2 1 2 0 1	4 1 2 1 1 1 2 1	3 2 3 1 1 1 2 1	3 5 1 3 1 1 1 2 1 2	3 1 4 1 3 1 1 2 2
31	2	3	4	5	5	5	4	5	6	4	2	1	2	2	2	3	3	4	3	2	2	1	1	1	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 93.7 PERCENTAGE OF DATA INVALID - 6.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUT	ANT -	SULPH	UR DIO	XIDE								UNITS	- 0.	01 PAI	RTS/M	ILLIO	N							
	STATIO	ON - C	NO NO	33019	M	ET BR	ANCH	SCARB	OROUG	н вь	UFFS,	SCAR	BORO		MON	тн -	FEB	76							
HOUR	1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	1 1 1 1 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 1 3 3 2 2 3 3 2 2	1 0 2 4 0 3 2 4 2 8	3 1 1 4 0 3 3 5 2 5	2 1 1 5 0 4 3 4 2 6	2123023626	2 1 2 3 0 2 3 3 3 5	2 1 3 2 0 1 3 3 4 4	2 14 2 1 1 4 2 4 3	4 1 11 1 0 0 3 2 3 3	2 0 4 1 2 0 4 1 3	3 5 4 0 2 3 2 1 3 8	4 5 4 0 2 2 2 2 1 2 8	5 6 4 0 1 2 4 1 4 7	4 5 3 0 1 2 3 1 2 6	4 5 7 0 1 2 3 1 2 6	2 4 12 0 1 2 3 1 2 5	0 4 6 0 1 2 2 1 4 5	0430122246	0 3 5 0 1 3 2 4 3 5	0 2 20 0 1 2 3 4 3	0270222453	1 2 4 1 2 6 2 4 3	2 2 5 1 1 2 3 3 3 5	3
11 12 13 14 15 16 17 18 19 20	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 4 1 1 1 0 0 0 1 1 1 1	2 2 4 1 1 1 0 **** 1 1	2 2 4 0 1 1 0 1 1 1 1	235211011	2 3 3 2 1 1 0 1 1 1	2 3 2 2 1 1 0 1 1 1 1	1 0 2 2 2 1 0 1 0 1	1 1 1 2 2 0 1 0 1	2 1 0 2 1 0 1 0 1	2 1 1 0 2 1 1 0 1	2 1 1 2 1 2 1 0 0	2 4 1 1 2 1 0 0	1 2 0 1 2 1 1 0 0 0	1 4 0 1 3 1 0 1	1 2 0 1 3 1 0 1	1 4 0 1 4 0 0 0 0 0 1	1 4 0 0 0 3 0 0 0 0 0 0	1 2 0 0 3 0 0 0 0	1 2 0 0 0 0 0 0 0	1 2 0 1 1 0 0	1 3 0 2 1 0 ****	1 3 0 1 2 0	2 2 1 1 2 1 1 2 1 1 0 0 1	2
21 22 23 24 25 26 27 28 29	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 2 1 1 1 2 0	1 0 0 2 2 0 1 1 0	1 0 0 2 2 0 1 1 0	O O O 1 O 1 1	0 0 0 1 0 1 0 1	0 0 2 1 0 1	0 0 1 4 4 0 2 1 1	0 0 1 4 2 0 2 1 3	1 2 0	0 0 0 **** 3 2 0 ****	0 0 0 4 2 0 2 1	0 1 1 5 2 1 2 1	0 1 0 3 2 1 2 1 2	0 0 0 4 6 3 1 1	0 1 0 1 4 2 1	0 0 0 1 3 2 1	0 0 1 2 1 1 1 1 1	0 0 0 1 4 0 1 0 1	0 0 1 1 0 0 1 0	0002212010	0 0 0 5 1 1 0 1 0	0 0 0 2 2 2 1 1 1)
MEAN	1 1	2	2	2	2	2	1	1	2	2	1	2	2	2	2	2	2	2	1	1	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 3.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS . 0.01 PARTS/MILLION

	STAT	ION .	. с	NO	33019)	MET	BRANCH	SCAR	BOROUGH	I BLU	FFS,	SCAR	BORO		MON	TH -	MAR	76							
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	1	1	1	1	0	
3	1	1	0	0	1	1	1		1	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	
4	1	1	1	2	2	0	C	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	С		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	C		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	O	0	0	0	0	0	C		0	0	0	0	1	1	1	1	1	1	2	1	1	1	2	1	1	
8	1	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1	1	2	2	3	1	
9	2	3	3	2	1	1	1	1 1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	
10	2	1	2	2	3	5	5	2	2	2	2	2	****	2	4	3	2	1	1	2	2	1	1	1	2	
11	1	0	1	1	1	2	2	2 1	0	6	1	1	3	2	1	1	1	1	1	1	1	1.	1	1	-1	
12	0	0	0	0		0	0	0 0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
13	0		0	1	0	0	1	1	1	1	0	0	0	0		0	0	0	0	0	0	1	1	0	0	
14 15 16 17	0	0	0	0	1	1	- 2	2 1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	
15	0	1	1	0	0	0	1	1	1	2	2	1	0	0	0	0	0	1	1	1	1	0	0	0	1	
16	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
17	0	1	2	1	4	3	- 2	2 2	3	3	3	3	2	2	1	1	1	1	1	1.	1	1	1	1	2	
18	1	2	1	1	2	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	2	2	2	2	1	
18 19 20	1	1	1	1	2	2	3		3	3	10	9	3	4	2	9	5	4	2	2	2	2	2	2 2	3 2	
20	1	2	2	2	2	1	1	1 2	2	2	2	2	2	2	2	2	4	2	3	2	2	2	3	2	2	
21	1	1	2	2		2	1		2	2	1	1	1	1	1	1	1	1.	1	1	1	1	1	2	1	
22	3	1	1	1	4	5	4		2	2	2	1	1	2	1	1	1	1	0	1	1	1	1	1	2 2 2	
23	2	2	4	6	4	4	3		2	2	2	1	1	1	1	1	1	2	2	1	1	2	2	2	2	
24	2	2	1	1	2	2	2		3	3	3	3	2	1	2	2	3	2	2	2	2	2	2	3	2	
25	3	2	1	1	1	1	- 2	2 2	2	1	1	1	2	1	2	1	2	2	1	1	1	1	1	1	1	
26	0	0	0	0		1	1	1 1	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	2	1	
27	2	2	2	2	2	2		1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
21 22 23 24 25 26 27 28 29	1	1	1	1	1	1	1	1 1	1	1	1.	1	1	1	1	2	2	2	2	2	2	2	2	2	1	
29	2	2	2	2	2		****	* ****	****	**** *	• • • •	***	****	****	****		****	****	****	****	****	****	****	****	*****	
30												•	DATA	INVA	ID -											
31												-	DATA	INVAL	ID -											

PERCENTAGE OF DATA VALID - 90.9

MEAN

PERCENTAGE OF DATA INVALID - 9.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - O.C1 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - APR MET BRANCH SCARBOROUGH BLUFFS, SCARBORO STATION -C NO 33019 HOUR 24 MEAN DAY 1 2 3 4 5 6 7 8 9 0 - DATA INVALID -DATA INVALID DATA INVALID DATA INVALID DATA INVALID DATA INVALID DATA INVALID 2 2 1 2 1 2 1 2 1 2 1 2 12 13 14 15 16 17 18 19 20 1 3 2 2 1 3 2 1 2 2 ō DATA INVALID DATA INVALID DATA INVALID 22 23 24 25 26 27 28 29 1 2 ò ò 5 2 2 2 1

PERCENTAGE OF DATA VALID - 56.8

MEAN

PERCENTAGE OF DATA INVALID - 41.0

PERCENTAGE OF DATA UNAVAILABLE - 2.2

1.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

1 1

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	C	NO :	33019	MET	BRANCH	SCAR	BOROUGH	BLUF	FS.	SCARB	ORO		MON	тн -	MAY	76						
HOUR DAY	Ĩ	2	3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	3 1 2 0 4 1 0 1 0	2 1 1 3 0 0 0	2 2 1 0 2 0 0 0 1 0	2 2 1 0 2 1 1 0 1 0	2 1 0 3 0 1 0	1 1 1 2 0 0 0 1 1 0 0	1 1 1 1 1 2 2 2 2 2 0 1 0 0 1 1 1 1 0 0	1 2 1 2 2 1 0 1 0 0	1 2 1 1 3 1 0 0 0 0 0	1 2 1 2 2 0 0 0 1 0	1 2 1 2 1 0 0 0	1 1 1 2 2 0 0 0	2 1 2 2 1 0 0 1	2 2 1 **** 2 0 0 0 1	2 2 1 **** 1 0 0 0	1 2 1 **** 0 0 0 1	1 2 1 **** 2 0 0 1 1 1	2 2 1 2 2 0 0 0 1 2	1 2 2 0 0 0 1 2	2 2 1 2 2 0 0 0 1 2	2 2 1 2 2 0 0 1 0 2	2 1 1 1 2 0 0 2 0	2 1 0 3 1 1 0 1 0 2	2 2 1 1 2 0 0 0
11 12 13 14 15 16 17 18 19	2 0 0 1 0 2 1 1 1 0	2001021001	2 0 0 1 0 2 1 0 0 1	2 0 0 1 0 1 0 0 1	1 0 2 1 0 1 1 0	1 0 2 1 0 1 1 1	1 0 0 1 1 1 1 1 2 1 1 1 1 0 0 0 1 1 1	0 0 1 1 1 1 1 0	0 0 2 2 1 1 1 0 2	0 0 1 2 1 1 1 1 2 1	0 1 2 1 1 2 0 1	0 0 1 1 1 1 2 0	0 0 0 1 1 1 2 1 1 1	1 0 1 1 1 1 1 1 1 1	1 0 1 1 2 2 1 1 1 1	0012222111	0 0 1 2 2 2 2 2 0 1	1 0 1 1 2 2 1 1 0	0 0 1 1 2 1 1 1 1	0 0 1 1 2 1 1 1 1	0 0 1 0 2 1 0 0 1 1	1 0 1 0 2 1 0 0 0 1	0 0 1 0 1 0 1	1 0 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29	0 0 1 1 1 0 1 1 0	0 0 0 0 0 1 1	1 0 1 0 0 0 0 0 1 1	1 0 0 1 0 1 0	1 0 0 0 1 0 0 0	0 0 0 0 0 0 0 1	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1	0 0 0 0 0 1 0 1 1	0 1 0 0 0 0 1 1 1	0 0 0 1 1 1 2 1 1	1 2 0 0 0 0 1 2 1 1	1 2 0 0 0 0 3 2 1 0	1 2 0 0 0 1 2 2 2 1	1 2 0 1 1 1 1 2 1	1 1 1 1 1 1 2 1	1 1 0 1 1 2 1 1 0	1 1 1 1 2 1 1	2 1 1 0 2 1 1 1 1	2 0 0 1 1 1 1 1 1 1 1 1 1	2 0 0 1 1 0 1 1 1 1 1	2 1 0 0 0 0 1 1 1 1	1 1 2 0 0 0 2 1 1 1 1	0 1 2 1 0 0 3 1 1 1	1 1 0 0 0 1 1 1 1
31 MEAN	1	1	1	0	1	1	1 0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0.8

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS, SCARBORO MONTH - JUN 76																							
	STA	TION	- c	NO 3	3019	ME	T BRANC	H SCAR	BOROUGI	н Вц	JFFS.	SCARE	BORO		MONT	н	UN	76						
HOUR DAY	1	2	3	4	5	6	7 8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6 7 8 9	0 0 0 1 1 0 1 0 1 2	0 0 0 1 1 1 0 1 3	0 0 0 0 0 1 1 1 3	0 0 0 1 0 1 1 1	0 1 0 0 1 1 1 1 1	0 1 0 1 1 0 1 1 1 2	0 0 1 1 0 1 1 0 1 0 0 1 1 1 0 0 1 1 1 1	0 1 1 1 0 1 1 1 1	0 1 1 1 0 1 1	0 1 1 0 1 1 1 1 2	0 1 1 0 1 1 2 1 1 2	0 1 1 2 2 1 2	0 1 3 1 1 1 2 2 1 2	0 1 5 1 2 1 2 2 1 1	0 1 7 1 1 2 2 2 2 2	0001112222	0 0 1 0 1 2 2 3 3 2	1 1 2 1 2 2 3 3 2 2	1 1 2 1 2 2 3	0 0 1 1 1 1 2 2 3	1 0 1 1 1 1 2 2 2	0 0 1 1 0 1 1 2 2 2	0 0 1 1 0 1 1 1 1 1 2	0 1 1 1 1 1 1 2
11 12 13 14 15 16 17 18 19	2 1 0 1 0 1 1 1 1 1 0 *	2 0 1 1 0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 0 0 1 0 2 1 0 1 ***	2 0 1 0 2 1 0 2 1	1 0 1 0 3 1 0 1 1	1 1 0 1 0 2 0 0 1 0	1 1 1 1 1 0 0 1 1 2 0 1 1 1 1 0 0 0 0	2 0 ****	1 0 1 0 1 0 0	1 0 1 0 1 0 1 0	1 1 0 0 1 0	1 1 0 1 2 1 1 0	1 0 1 0 0 1 0	1 0 1 0 2 1 0 1 0	1 0 1 1 1 1 0	1 1 1 2 1 1 1	1 1 1 1 1 2 1	1 1 1 1 1 0 1 1	201211211	1 1 1 6 1 1 1 1	1 1 1 4 1 1 1 2 1 0	1 1 1 2 1 1 2 1 1	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	0 1 2 3 1 0 1 2 0 1	0 * 1 2 3 1 0 1 2 0 0	*** 1 2 3 1 0 1 2 1 0	1 0 2 2 1 1 0 2 1 0	1 0 2 2 1 1 0 2 1	1 0 2 2 1 1 1 0 1 1 0 1	1 1 0 0 3 4 2 2 1 0 1 1 0 0 0 0 0 0 0	4 1 0 1 0 1	1 0 4 1 0 * 2 0 1 1	1 1 4 1 *** 1 0 1 1	1 0 3 1 1 1 2 1 1 1	1 0 4 2 1 1 2 1 1	0 2 4 2 1 1 2 1 1	1 2 4 2 1 2 2 1 1	1 2 4 2 1 3 2 4 1 1	1 2 4 3 2 3 2 5 1 1	1 2 4 4 1 2 2 1 1	1 2 4 4 1 2 2 1 1	1 2 4 5 1 2 2 1 1	1 3 4 4 0 2 2 0 1	1 2 3 0 2 2 0 1	1 2 3 3 1 1 3 0 0	1 2 3 3 1 1 2 1	1 1 3 3 1 1 1 1
MEAN	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ION

CLUTANT	SILL DULID DIOVI	DE UNIT	ς.	0.01	PARTS/MILLI
OLLUTANI -	SULPHUR DIOXI	DE	3 1	0.01	PARIS/MILLI

	ST	ATION	. (NO	33019		MET B	RANCH	SCAR	BOROUG	GH BL	UFFS.	SCAR	BORO		MON	ITH -	JUL	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2	1	1	1	1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
3 4	0	0	0	0	0	0	00	0	0	0	0	0	0	0	0	0	0	0	1	1	0 2 3	0	0 1 3	0	0
5 6	2	2 2	1	1	1	1	1	2	2	1 2	1	2	2	2 2	1	1	1	1	2 2	3 2 2	2 2	3 2 2	2	2	2
8	20	1 0	1	0	0	0	1 0	00	0 0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	0	0
10	1	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1
11 12 13	1 0	1	1	1	0	0	0 0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	
14 15	1	1	1	1 0	1 0	1	1 0	1 0	1	0	0	0	3	0	1 2	1 2	3	1 2	1 2	2	10 3	4	2	1 2	1
16 17 18	2	2	2	1	1	1	• • • •	••••	••••	••••	••••			INVA		••••	••••	****	••••	••••	••••	••••	****	••••	•••••
19	****	****					• • • •	••••	••••				0	1	1	1	1	1	1	0	1	1	0	0	*****
20	••••	****	••••	• • • •	••••	• • • •	* * * *	••••	• • • •	• • • •	2	1	1	1	1	1	1	1	1	1	1	1	1	1	*****
21 22	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
23 24	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	0	2	2 1	1	1
25 26 27	1 1 3	0 1 3	0 1 2	0	1	1	1	2	0 0 0	0 0	0	0	1	2	2 2	1	1	2 2	1 2 2	3 2	3	3	3	3	
28 29	0	0	0	0		0	0	0	0	1 0	1 0	1 0	ó	i	1	1	ī	1	1	0	1	į	o -	ó	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	_	0		1	1	1	1	1	1	1	1	0
31 MEAN	0	0	1	0		0	0	0	0	0	0	1	1	0	1	1	1	0	0	1	2	1	1	1	0.7

PERCENTAGE OF DATA VALID - 85.1 PERCENTAGE OF DATA INVALID - 13.3 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- \$	ULPHL	R DIO	(IDE						ı	JNITS	- 0.0	DI PAR	RTS/MI	LLION	4						
	STAT	TION -	С	NO 3	3019	MET	BRANCH	SCAR	BOROU	GH BL	UFFS.	SCAR	BORO		MON	гн - д	NUG	76						
HOUR	1	2	3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	0 0 0 2 2 1 0 0 0 1	0 0 0 1 1 0 0 0 0 0	0 0 0 1 2 1 0 1 0 0	0 0 0 1 1 1 0 0 0 0	0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0	0 0 3 2 1 0 0	0 0 4 2 2 1 0 0 0	0 0 2 2 3 1 0 0 0	0 0 1 1 3 1 0 0 0	0 0 1 1 2 0 0 0 0 2	0 0 1 1 3 0 0 0	0 0 1 1 3 1 0 0 0 2	1 0 1 2 3 1 0 0	0 1 1 3 1 0 0 1 2	0 1 1 2 3 1 0 0 1 3	0 2 1 2 3 1 0 0 1 3	1 2 2 3 1 0 0 1 2	2 2 2 1 0 0 1 1	1 1 2 1 1 0 0	1 0 1 2 1 1 0 0 1 2	0 0 2 2 1 0 0 0 1 2	0 0 1 1 2 1 0 0 0 1
11 12 13 14 15 16 17 18 19	1 3 2 0 1 0 0 1 0 0 1	1 3 1 0 1 0 1 0 0 0 0 0	1 3 1 0 1 0 1 0 0	2 4 1 0 1 0 1 0 0 0	0 4 1 0 1 1 0 0 0 0 0 0	0 4 1 0 1 0 0 0 0 0	0 0 3 3 1 0 0 0 0 0 0 1 0 0 0 0 1 2	0 2 1 0 0 1 1 0 0 1	0 2 0 0 0 1 1 0 0	000000110001	1 1 0 0 0 1 0 0 3	0 1 1 0 0 1 2 0 0 2	1 0 1 1 0 1 2 0	1 0 1 1 0 1 2 0 3	2 1 2 1 0 3 1 0 4	1 1 0 0 4	3 3 2 1 2 2 1 0 1 4	4 2 2 1 1 2 1 0 1 4	4 1 0 2 2 1 0 1 5	6 1 0 1 1 1 0 1 4	3 2 1 1 0 1 1 0	3 2 1 1 0 1 0 0 1 4	4 2 0 1 0 1 0 0 1 4	2 2 1 0 1 1 1 1 0 0 2
21 22 23 24 25 26 27 28 29 30	3 3 1 1 2 3 2 1 0	3 3 2 1 1 3 2 0 0	3 2 2 0 1 1 3 2 0 0	3 2 2 0 0 1 2 2 0 0	2 2 2 0 1 1 2 1	2 2 3 0 0 1 2 1 1 0	2 2 2 2 2 2 0 0 0 0 1 1 1 1 1 1 1 1 1 1	3 2 0	3	3 3 2 0 0 1 1 1 2	3	4 5 2 0 1 1 1 2 1 1	5 5 2 1 1 1 2 3 1 1	5 5 3 1 1 2 2 4 1	5 5 2 1 1 2 2 3 1 3	6 5 2 1 2 2 2 1 1	6 3 1 2 2 3 2 1	6 6 2 1 2 2 3 2 1 1	652122201	6 4 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6 4 2 1 2 2 1 0 1	5 3 1 2 2 2 1 0 1	4 3 1 1 2 3 2 1 0 0	4 4 2 1 1 2 2 2 1 1
31 Mean	0	0	0	0	0	0	0 1	2		1	1	1	1	3 2	3 2	2	2	2	2	3 2	3 2	3	2 1	1.2

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- -- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- c	NO	33019	1	MET BR	RANCH	SCARE	BOROUG	SH BL	JFFS.	SCAR	BORO		MONT	н - :	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6 7 8 9	2013000153	2 0 1 3 0 0 0 1 5 3	1 0 0 3 0 0 1 1 4 2	1 0 0 3 0 0 1 1 4 2	1 0 0 4 0 0 2 1 4 2	1 0 0 3 0 0 3 1 4 2	1002002141	1 0 0 2 0 0 2 1 4 1	1 0 0 2 0 0 2 2 4 1	0 1 0 2 0 0 1 2 4 1	0 1 1 3 0 0 0 **** 2 4 1	1 1 0 3 0 0 2 3 4 1	* * * * 1 1 3 0 0 2 4 4 2	0 1 3 0 1 2 4 4 1	1 1 3 0 1 2 4 4	1 1 2 3 0 1 2 5 4 1	0 1 2 3 0 2 2 5 4 1	0 1 2 2 1 3 2 5 4 1	0 1 2 2 0 2 3 5 4	1 1 2 2 0 1 4 5 3 1	0 1 2 1 0 0 3 5 4 1	0 1 2 1 0 0 2 5 4 1	0120002531	0 1 2 0 0 0 2 5 3 0	1 1 2 0 0 2 3 4
11 12 13 14 15 16 17 18 19	0024432012	0 0 1 4 4 3 2 0 1	0 0 2 4 6 3 2 0 1 1	0 1 2 5 6 2 2 0 0	0 2 2 5 4 2 2 0 1	0227422011	0 1 3 7 5 2 1 0 0	0 1 4 3 6 1 1 0	0 1 4 3 5 1 1 0 0	0 0 3 2 4 1 1 0 0	0 0 3 2 2 1 0 0 0 1	0 1 2 4 2 1 1 0 0	0 2 3 4 2 1 0 0	0 2 4 4 2 1 1 0 0	0335210000	0 3 3 4 2 1 0 0 0	0 4 3 4 2 1 0 1 0 1	0 3 6 4 3 1 0 1	1 3 4 4 3 1 0 1	1 2 4 5 3 1 0 1 1	1 2 5 5 3 1 0 1 1	1 2 5 6 3 1 0 1 1	2 4 5 3 1 0 1 1	0 2 3 4 3 2 0 1 1 1	0 2 3 4 3 1 1 0 1
21 22 23 24 25 26 27 28 29 30	1 2 1 1 3 0 0 1 1 2	1 2 1 1 2 0 0 1 1	1 2 0 0 2 0 1 1 1 0	1 1 0 0 2 0 1 1 1 0	0 1 0 0 2 1 1 0 1 0	0 1 0 0 2 1 1 0 1 0	0 0 0 1 1 1 1 1 1 0	0 1 0 0 1 1 1 1 2 0	0 2 0 1 1 1 1 3	0 1 0 0 1 1 1 1 3 0	0 0 0 1 1 1 1 1 0	0 0 0 0 1 1 0 ****	0 0 2 0 1 1 1 ****	0 0 0 1 1 1 2 1 0	0 0 1 1 1 2 3 1 0	0 0 1 3 1 1 2 2 1 0	0 0 1 3 1 1 3 2 1 0	0 0 1 4 1 1 2 2 1	0 1 1 5 1 1 1 2 1 0	0 0 0 5 0 1 1 2 1 0	0 0 0 2 0 1 1 2 1 0	0 0 0 1 1 1 1 2 0	3001011120	1 1 3 0 1 1 1 2 0	0 1 0 1 1 1 1 1 2 0
MEAN	2	1	1	1	1	ij	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	3	1	1	1.4

PERCENTAGE OF DATA VALID - 99.4

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION																								
	\$1	ATION	١ - ١	C NO	33019	9	MET	BRANCH	SCAF	RBOROL	GH В	UFF5	SCAF	RBORO		MON	ITH -	ост	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 1 0 1 0 0	0 0 0 0 1 1 0 0 0	Ó	00000100	0 0 0 1 0 1 0		0 0 0 0 1 1 0 0 0	0 0 0 0 1 1 1	0 0 0 0 1 1 1 0 0	0 0 0 0 1 1 1 0 1	0 0 0 0 1 1 1 0 1	0 1 0 0 1 1 1 0 0	0 1 0 0 0 1 1 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 1 1 1 1 1 0 0 0	1 0	1 0 1 0 0 1 1 0 0 1	1 0 1 0 1 1 1 0 0 0 0	0 1 0 1 1 1 0 0	0 0 1 1 1 0 0 0	0 1 1 1 2 1 0 0	0 0 1 1 1 1 1 0 0	0 0 1 0 2 1 1 0 0 2	0 0 1 0 2 0 1 1 0 1	0 0 0 0 1 1 1 0 0
11 12 13 14 15 16 17 18 19 20	0 **** 2 2 ****	2	1 **** 2 2 ****	0 **** 2 3 ****	****	0 **** 2 3 ****	**** 2 3	****	**** 2 2 5 ****	3 2	**** 3 2 **** 0 0 1	2 2 ****	2 2 **** DATA	INVAI 2 2 2 INVAI 1NVAI 0 0	ID - 2 2	2	2 2	2	**** 2 2 **** 0 1 1	2 2 2 ****	**** 2 2 ***** 0 1 0	2 2 2 ****	**** 2 2 **** 0 1 0	***** 2 2 *****	****** 2 2 ****** *****
21 22 23 24 25 26 27 28 29 30	0002102324	0000110034424	0 0 1 1 0 3 3	0 1 0 1 3 3	1 0 0 0 1 3 3 2	1 3 3 3	0 1 3 3	1 0 0 0 3 3 2	1 0 1 0 1 0 3 3 3 2 7	1 1 1 1 0 3 3 2 3	1 1 2 2 0 0 3 4 2 4	1 1 1 0 0 2 5 2 4	1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 **** 2 3 1 16	1 1 1 0 2 2 2 1 13	3 2 2 2	1 0 1 0 3 3 2 2 4 8	3	0 0 1 0 3 3 5 3 6	1 0 1 1 0 3 3 5 2 4	1 0 1 0 3 3 6 4 5	1 1 2 1 0 3 3 6 2 7	1039033249	1 0 2 0 0 2 3 2 3 3	1 1 1 1 1 1 1 3 3 3 2 6
21	4	4	á		ri-	4	2								_		-						-		_

PERCENTAGE OF DATA VALID - 83.1 PERCENTAGE OF DATA INVALID - 16.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION .	· c	NO	33019	MET	BRANCH	SCAR	BOROUGH	BLUFFS	. SCA	RBORO		MON	TH -	NOV	76						
HOUR DAY	1	2	3	4	5	6	7 8	9	10	11 12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	2 6 2 0	2 5 2 0	2 3 2	2 5 2	3 2 3	3 3	2 3 3 5 5 5	4 1 4	3 3	3 3 3 2 3 2	4	3	3 4 1	1 4	3 3 2	5	4 2 1	4 2 0	2 2 0	4 2 0	5 3 0	3 3 0	3 3 2
4 5	1	0 2 0	0 2	2	0 4	3 0 7	0 0 4 3 1 5	0	5 0 7 5	3 2 0 0 5 12		1	0 1 0	0	0	0	0	0000	0	0	0	1	0 3 1
7 8 9	0 0 2	0	0 0 1	0	0	0 1 2	0 0 0 4 3	0 0	0	0 1	0	0 0 0 2	0 0 2	0 0 2	0	0	0	0 0 2	0 1 2	0 1 2	0 2	0	0
10 11	1	1	1 2	1	0	0	1 1	1	1	1 (1	2	1	0	1	1	1	1	2	1	1	1
12 13 14 15 16	3 0 1	1 0 1	0	0 1 1	1	2 1 0	2 2 0 0 1 1	0	1 1 0	0 0	1	1	2 0 1	0	3 0 0	0	1	0 1 1	1 0 1	1 0 1	1 0 2 2	0 2	1 0 1
17	2 3 2	1 3 2	1 4 2	3 2	2 3 2	0 2 2 3	2 2 2 2 8 7	2 2 4	1 2 2	0 1 2 2 1	2 2	1 2	0 1 2	0 1 2	0 0 3	1 0 3	1 1 2	1 1 4	1 1 3	1 2 2	2 2 2	2 2 0	1 2 3
18 19 20	2	2	2	1 1 -	2	2	1 1 2 2	1	1	0 0	1 0		0	0	0 1 0	0	0	1 0 1	0	4 0 1	0	0	!
21 22 23	0	1 0 0	0	0	0	0	1 1 0 0	0	1 1	1	0		0	0	0 1	0	0	10	0	0	0	0	1 0
21 22 23 24 25 26 27	1	0	0	1	0 1 1	0 1 1	1 0 4 6 1 0	0 5 0	0 3 0	0		0	1 1 0	2	2	1 2 1	1 3 1	1 2 1	1 2 1	2 2 1	2 2 1	1	1 2 1
27 28 29 30	1 1 0 1	1 0 1	1 1 1	1 1 0	1 0 0	1 0 1	1 1 1 1 0 1 1 1	1 1 1	1 1 1	0 (1 1	1	1 1 0 1	1 0 1	0 0	1 0	1 1 0 1	0	1 0 1 1	1 0 0 2	1 1 2	1 0 2	1 1 0 1
MEAN	1	1	1	1	1	1	2 2	2	2	1 :	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 95.8

PERCENTAGE OF DATA INVALID - 2.5

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - C NO 33019 MET BRANCH SCARBOROUGH BLUFFS. SCARBORO MONTH - DEC 76 HOUR DAY 24 MEAN 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 22 23 24 25 26 27 28 29 30 2.2 MEAN

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID . 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " *** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	C NO 33019 MET	BRANCH SCARBOROUGH BLUFFS.	SCARBORO	
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	2.0	5	15
FEB	28	1.6	5	20
MAR	28	1.1	3	10
APR	15	1.1	2	5
MAY	31	0.8	2	4
JUN	30	1.1	3	7
JUL	24	0.7	2	10
AUG	31	1.2	4	6
SEP	30	1.4	4	7
ост	25	1.2	6	16
NOV	28	1,1	3	12
DEC	31	2.2	5	12
YEAR	329	1.3	6	20

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	¢ No	33019	MET	BRANCH S	CARBOROUGH	BLUFFS. SC	ARBORO		
MONTH	00 TO	04 05	TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL	
JAN	6	632	62	2	1	0	0	697	
FEB	4	636	35	3	1	0	0	675	
MAR		667	9	0	0	0	0	676	
APR		408	1	0	0	0	0	409	
MAY		740	0	0	0	0	0	740	
JUN	-	710	5	0	0	0	0	715	
JUL	3	632	1	0	0	0	0	633	
AUG		714	20	0	0	0	0	734	
SEP		686	30	Ö	0	0	0	716	
OCT	(598	18	1	1	0	0	618	
NOV	11	670	19	1	0	0	0	690	
DEC		671	65	5	0	0	0	741	
YEAR	7	764	265	12	3	0	0	8044	

FREQUENCY	DISTRIBUT PERCENT OF DATA	ION BY	PERCENTILES		EDECLIENC		TRATIONS	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	0. 5		0.0	0.0	0.5		2.6	3.5	4 0	5.0	20	1.3

	51	TATIO	٧.	C N	0 340	02	sc c	TR 77	DON	MILLS	RD.	NORT	H YORK	<		MO	NTH -	JAN	76						
HOUR DAY	1	2	3		4	5 6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EΑ
7	1	1	1		1	1 1	1	1	1	1	1	1	1	1	1	0	0	. 0	0	0	0	0	0	****	
2	Ó	Ó	Ó		1	0 0		1	0	ò	0	0	0	****	****	0	0	0	0	0	1	2	2	2	
3	1	2	4		3	2 1	1	2	1	1	1	2	2	0	4	0	2	2	1	1	1	0	0	0	
4	o	ō	1		8	2 2	6	6	2	1	1	2	0	1	3	2	1	5	2	1	3	1	6	7	
5	4	3	8		6	7 8	. 11	7	4	5	8	11	9	5	6	4	1	1	6	2	1	1	8	9	
6	6	3	4		4	4 4		5	3	5		****	****	8	6	5	3	4	6	8	6	****	11	4	
7	3	3	e		2	1 6	2	2	2	2	1	2	3	0	****	****	0	٥	0	****	ō	0	0	0	
8	ō	****	****	***			c	****		****		****	****	1	0	****	****	****	****	****	ō	0	0	0 *	**
•	0	****		ć.	0 ***		Ć		0	0		2	2	1	•	1	1	1	•	1	2	1	1	1	

12 13 14 15 16 17 18 19 20 6 0 1 22 23 24 25 26 27 28 0 8 2 0 3 1 1 4 2 5 2 3 3 2 2 5 MEAN 2.0

PERCENTAGE OF DATA VALID - 92.7

PERCENTAGE OF DATA INVALID - 6.6

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- " INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH . FEB HOUR 24 MEAN DAY 3 17 2 2 3 1 2 3 4 3 2 2 9 2 2 4 2 2 5 3 4 2 2 12 13 14 15 16 17 18 19 20 2 2 2 1 2 3 1 2 2 1 1 2 1 22 23 24 26 27 MEAN 1.8

PERCENTAGE OF DATA VALID - 95.1

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- * * INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION		C NO	34002		SC CTR	770	DON	MILLS	RD.	NORTH	YORK	<		MON	ITH - N	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	**** 1 1 1 1 1 3 1 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 2 1 1 1 1 0 2	1 1 2 1 1 1 1 1 2	1 1 1 1 2 1 1 1 2 2	1 1 1 1 1 2 2 1 2 4	1 1 1 2 1 1 2 5	0 1 1 1 2 1 1 1 2 6	1 1 1 3 1 1 1 7	1 1 1 1 1 1 8	- 1 1 **** 6 1 1 1 1 5	1 1 1 1 6 1 1 1 4	1 3 1 1 - 1 1 3	1 1 2 1 1 1 ****	1 0 1 3 1 1 0 1 4	1 	1	1 0 1 2 1 1 1 1 1 3	1 1 1 1 1 1 0 3	1 1 0 1 1 1 1 0 *****	0 0 1 1 2 1 1 1 1 1	0 0 1 1 4 1 1 1 1 1	0 - 1 1 0 1 1	1 1 1 2 1 1 1 1 3
11 12 13 14 15 16 17 18 19 20	1 1 1 1 1 3 1	2 ** ** 2 2 1 1 2 2 2	2 **** 2 2 2 1 3 1 2 2	**** 2 2 2 1 4	**** 1 2 2 1 4 1 1	2 1 2 2 1 4 2 1 2	3 1 1 3 2 1 3 2 1 2	2 1 4 2 1 3 4 4 2	1 1 1 2 1 1 4 8 4 2	6 1 1 3 1 1 4 10 2 2	1 1 3 1 1 4 3 2 3	**** 1 2 1 1 3 2 1 3	1 1 2 1 **** 2 2 2 4	1 2 1 1 2 3 3 4	**** 1 1 2 1 1 2 1 3 3	**** 1 2 1 1 1 2 2 4	1 1 1 2 1 1 1 2 2 3	1 1 3 1 1 2 2 3	1 1 2 2 1 1 1 2 2 2	1 1 2 2 1 1 1 1 5 3	1 1 2 2 1 1 1 5 2	1 2 1 2 0 1 1 2 2 2 2	1 1 2 1 1 2 2 2 2	2 1 1 1 3 2 2	2 1 1 2 2 2 2 2 2
21 22 23 24 25 26 27 28 29 30	2 2 6 2 4 0 1 1 1 1 1	2 2 2 3 2 0 1 1 0	2 2 2 2 2 0 1 1 0	2	2 3 2 0 1	2 4 2 4 2 0 1 1 1 1	1 5 2 3 2 3 2 1 1 1	1 4 3 3 2 8 2 1 1	1 2 3 5 2 9 2 1 1	**** 3 4 2 1 2 1 1 1	1 2 2 4 2 1 2 1	1 **** 1 3 1 1 1 1 ****	1 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 3 1 3 2 2 2 1 1 **** 1	1 5 2 3 1 1 - 2 1 1	1 2 3 2 1 1 1 2 1 2	1 2 3 2 1 1 1 2 1 2	1 1 3 3 1 1 2 2 2 2	1 2 3 3 1 1 2 2 1	1 2 3 3 1 1 - 1 1 1	2 1 3 3 1 1 1 1 1 1 1	2 1 2 2 1 **** 1 1	1 3 1 4 1 0 1 2 1	9923001111	1 3 3 2 1 1 1
31 MEAN	1	2 1	2	2		2	1	1	1	2	2	2	2	2		1	1	1 2	1	1	2 1	2	9 2	3 2	2 1.6

PERCENTAGE OF DATA VALID - 94.4

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS . O.O1 PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - APR HOUR 10 13 14 15 16 17 18 8 9 11 12 19 20 21 22 23 24 MEAN DAY 3 10 12 13 14 15 16 17 18 0 21 22 23 24 25 26 27 0 28 29

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 2.2

PERCENTAGE OF DATA UNAVAILABLE - 0.7

1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	ST	ATION	- с	NO	34002		SC CTR	770	DON	MILLS	RD.	NORTH	YORK	•		MON	TH - 1	YAN	76						
HOUR	10	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1 2 1 0 2 1 0 0	1 2 1 0 2 1 0 0 1 1	1 1 2 0 2 1 1 0 1	1 2 1 0 2 1 1 0 1	1 2 1 0 2 1 1 0 1 0	1 1 0 2 1 0 0 1 0	1 3 1 0 2 2 0 1 1 0	1 3 1 0 2 1 0 0 1 1	2 2 1 0 2 1 0 0 1 1	1 3 1 0 2 0 0 0 0 1 1	1 2 1 0 2 0 0 0 1 -	1 2 0 0 2 0 0 0	0 2	2 2 0 0 1 0 1 2	2 2 0 0 0 2 0 0 1 2	1 1 0 0 2 0 0 0 1 2	0 0 1 3	1 0 2 2 0 0 0 1 3	1 1 0 1 2 0 0 0	1 2 0 0 0 0 4	3 2 0 1 2 0 0 0 0 3	3202200102	2 2 0 1 2 1 0 1 0 2	2 1 0 1 2 0 0 1 0 2	1 2 1 0 2 1 0 0 1 2
11 12 13 14 15 16 17 18 19	2 1 0 0 0 1 1	2 1 0 0 0 1 2 0 0 0	1 0 1 0 1 1 1 0	1 1 1 0 1 1 0 1	2 1 0 1	2 2 1 0 1	1 1 2 1 0 2 2 1 0 1	1 1 3 1 2 2 1 0	1 1 2 3 1 1 2 1 1	1 1 2 3 1 1 2 0 2	1 1 3 1 1 2 0	3 1 1 1 	1 1 1 0 0 1 1	1 1 2 1 2 1 0 1 1	1 1 2 1 2 1 0	1 1 1 2 1 2 1 0 1	1 1 1 1 2 1 0 0 1	1 1 1 1 1 0 1	1 0 1 0 1 0 1	1 1 0 2 1 0 1 0 1	1 0 1 0 0 0 0 1	1 0 1 0 0 0 1	2 1 1 0 1 1 0 0 0 0 0	10000120000	1 1 1 1 1 0 0 1
21 22 23 24 25 26 27 28 29 30	0 0 1 1 0 0 0 1 1 1	0 0 1 0 0 0 1 1 1	0 0 0 0 0 0 0 0 1	0000000001	0 0 1 0 0 0 0 0 1 1	0 1 1 0 0 0 0 0 1 1 1 1	0 1 1 0 0 0 0 1 1 1	0 1 1 0 0 0 0 1 1 1 1 1	0 1 0 0 0 0 0 0 1 1 1 2 2	0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	201000	1 1 0 0 2 2 2 2 2	0 0 2 2 2	12000011222	1 1 0 0 0 1 1 1 2 2 0 0	10011222	2 1 1 0 0 1 1 2 2 2 2 0	2010001221	2 1 1 0 0 0 1 1 2 1 0	000000000000000000000000000000000000000	1 1 0 0 0 0 1 1 1 1 1 0	0 1 2 0 0 0 0 1 1 1 1 0	0 1 2 0 0 0 0 0 2 1 1	1 1 0 0 0 1 1 1 1 1 1

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- " " INDICATES DATA IS UNAVAILABLE
- 3. " --- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS . O.O1 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUN 76 13 14 18 19 20 21 22 24 MEAN HOUR DAY 00. 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 0 0 1 0 0 13 29 1 1 1.2 MEAN

PERCENTAGE OF DATA VALID - 95.6

PERCENTAGE OF DATA INVALID - 3.1

PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- -- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

MONTH - JUL 76 STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK HOUR 24 MEAN DAY 0 ** 12 13 14 15 18 0 **** 23 24 25 0 2 28

PERCENTAGE OF DATA VALID . 91.4

MEAN

1 1

PERCENTAGE OF DATA INVALID - 6.5

PERCENTAGE OF DATA UNAVAILABLE - 2.2

1.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

1 2

POLLUTANT - SULPHUR DIOXIDE

STATION - C NO 34002 SC CTR 7

UNITS - 0.01 PARTS/MILLION

	STAT	TION	- с	NO 3	34002	5	C CTR	770	DON	MILLS	RD.	NORTH	YORK			MONT	H - 4	UG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 0 3 1 0 0 0 0	0000310000	0000310000	010051000	0 1 0 0 5 1 0 0 0	0 0 0 0 4 1 0 0 0 0	0 0 0 1 4 0 0 0 0 0 0	0 0 1 1 4 0 0 0 0 0	0 0 1 1 - 0 0 0 0 0	0 1 1 2 4 0 0 0	1 1 1 2 1 0 0 0 0	3 3 0 0 0 0 2	1 1 5 3 0 0 0 0 2	1 1 2 3 4 0 0 0 0 0 2	1 1 1 2 4 0 0 0	1 1 3 2 0 0 0 0 2	1112200003	1 1 3 2 0 0 0 1 4	1 1 1 3 2 0 0 0 1 3	2013200011	1 0 1 4 1 0 0 0 0 1	0 0 1 4 1 0 0 0 0 1	0 0 1 3 1 0 0 0 1	0 0 0 4 1 0 0 0 0 1	0 1 1 2 3 0 0 0 0 1
11 12 13 14 15 16 17 18 19	1 3 1 0 0 *****	1 3 1 0 0 0 0 0 1	1 5 1 0 0 0 0 0 0 1	1 5 1 0 0 0 0 0 1	1 0 0 0 0 0 0 0 1	1 3 1 0 0 0 0 0 1	1 3 0 0 0 0 0	2 4 0 0 0 0 0 0 1 2	2 3 0 0 0 0 1 0 1 3	2 3 0 0 0 0 0 ****	3 1 0 0 0 2 1 1 5	4 2 1 0 0 0 2 1 1 4	3 2 1 0 0 0 1 1 5	5 2 2 0 0 1 1	5 2 1 0 0 0 1 2	5200001215	6200001215	5 1 0 0 0 0 1 1 1 6	5 0 0 0 0 1 1	4 1 0 0 0 - 0 1 1 3	4 1 0 0 0 0 1 1 1 2	3 2 0 0 0 0 0 1 2		4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 2 1 0 0 0 1 1 1 3
21 22 23 24 25 26 27 28 29 30	1 1 2 0 0 0 0 2 3 0	1 1 2 0 0 0 1 3 1 0	1 1 0 0 0 1 3 1 0	1 1 1 0 0 1 3	1 1 1 0 0 1 3 1	1 1 0 0 0 1 2 1	1 1 2 1 0 0 1 3 1	2 2 2 0 0 0 1 3 1 0	3 4 2 0 2 0 2 4 1 0	7	4 4 **** 0 3 **** 3 4 1	4 5 **** 1 3 **** 3 0 0	5 6 1 1 4 4 3 3 0	5 1 1 3 5 3 3 0 1	5 5 1 1 3 5 4 4 0 3	5 4 1 1 2 5 4 2 0	5 4 1 2 5 4 2 0 1	5 1 1 2 4 4 2 0 1	5 4 0 1 1 3 4 1 0	4 3 0 0 0 2 3 1 0 1	4 2 0 0 2 5 1 0	3 2 0 0 0 1 3 1 0 0	2 2 0 0 0 3 3 0 0 0	2 2 0 0 0 0 2 3 1 0 0	3 3 1 1 1 2 3 2 0
31	0	0	0	0	0	0	0	1	5	6	4	2	3	4	3	3	2	3	3	4	3	3	4	3	2
MEAN	1	1	1	1	1.	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.6

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAT	TION	- с	NO	34002	S	C CTR	770	DON	MILLS	RD.	NORTH	YORK			MONT	н - s	EP	76						
HOUR	1	2	3	4	5	6	7	8	9	10	1 1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 0 0 3 0 0 0 0 1 0	2004100000	1 0 4 0 0 0	1 0 0 5 0 0 0 0 0	000000000000000000000000000000000000000	1 0 4 0 0 0 0 0 2 1	1 0 3 0 0 1 0 2 0	1 1 2 0 0 2 1 2 0	1 1 2 1 0 2 1 3 0	0 0 2 2	1 2 1 0 2 3	1 2 1 0 	0 0 2 2 2 0 1 1 3 3 0	0 0 2 2 1 2 1 3 4 0	1 0 4 2 1 2 1 3 4 0	0 0 3 1 1 2 1 3 4 0	0 1 4 1 1 2 1 3 5 0	1 0 3 1 1 2 1 3 2 0	0 0 5 1 1 0 1 - 2 0	0 0 5 1 0 0 2 1 1 0	0 0 3 0 0 0 2 1 1 0	0 0 3 1 0 0 2 1 1 0	0 0 2 1 0 0 1 1 0 0	0 0 2 1 0 0 1 1 0 0	1022200011
11 12 13 14 15 16 17 18 19	0 0 1 2 2 2 0 0	0 0 0 1 2 2 2 0 0 1	0 0 0 1 1 2 2 0 0 1	0 0 0 1 1 2 2 1 0	0 0 0 1 2 2 1 0 2	0 0 0 0 1 2 2 1 0 2	1 0 0 0 1 1 1 1 1 0 1	1 1 2 1 1 1 0	0 1 2 4 1 1 1 0 1 1	0 1 2 3 2 1 1 0 1 2	0 2 3 3 2 1 1 1 1	3 4 2 1 0	0 3 5 2	0 2 3 4 2 1 0 1 1 0	0 1 5 4 1 2 1 1 0	0 1 3 3 1 2 0 1 1 0	0 1 3 3 2 2 0 1 1 0	1 2 3 3 2 2 0 1 1 0	0 1 3 3 2 1 0 0	0 1 2 2 1 1 0 0 1 0	0 1 2 3 1 1 0 0	0 0 2 2 1 1 0 0 1 0	0 0 3 2 1 1 0 0 1 0	0 0 2 2 2 2 0 0 1 0	0 1 2 2 1 2 1 1 1 1 1
21 22 23 24 25 26 27 28 29	0 0 0 0 1 0 1 1 1 1	0 0 0 1 0 1 1 0 0	0 0 0 1 1 0 1 1 0 0	0 0 1 1 4 0 1 1 1 0	0 0 1 0 3 0 1 1 1 0	0 0 1 0 1 0 1 1 0 0	0 0 1 0 1 0 1 0	0 1 1 2 1 1 1 2 1	1 0 1 1 2 1 1 0 2 1 1	1 1 2 1 1 0 2 2	2 1 3 1 3 1 1 1 1 2	2 1 0 3 1 1	3 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 0 2 1 1 1 1 1 1 1 1 1	2 1 0 1 2 1 0 1 1 0 0	1 1 1 2 1 0 4 2 1	1 1 0 1 2 1 0 2 2 1	0 0 1 1 1 1 1 1 2 1	0 0 1 1 1 1 1 2 1 1	0 0 0 1 1 1 1 1 1 0	1 0 0 0 2 1 0 0 0 1	0 0 0 0 1 1 0 1 1 1	0 1 0 1 1 1 1 1 0	0 0 0 3 0 1 1 1 1 1 1	1 1 2 1 1 1 1 1 1 1 1

PERCENTAGE OF DATA VALID - 97.4

PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE SC CTR 770 DON MILLS RD. NORTH YORK MONTH - OCT 76 STATION - C NO 34002 24 MEAN HOUR DAY 0 0 3 1 0 0 3 DATA INVALID DATA INVALID 1 1 1 12 13 14 15 16 17 18 19 20 2 1 0 0 **** 1 0 0 0 0 ...0 0 0 0 0 0 ... 22 23 24 25 26 27 28 0 0 1 0.8 MEAN

PERCENTAGE OF DATA VALID - 75.4

PERCENTAGE OF DATA INVALID - 16.1

PERCENTAGE OF DATA UNAVAILABLE - 8.5

NOTES 1. " *** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. . " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- с	NO 3	34002	5	C CTR	770	DON	MILLS	RD,	NORTH	YOR	•		MON	TH - N	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	0 0 2 0 3 1 1 1 1 2	1 0 2 0 5 1 1 1 1 2	1 0 1 1 4 2 1 1 2	1 0 3 1 5 2 1 1 2	1 0 3 1 7 1 1 1 2 2	1 0 3 1 2 1 1 3 2	0 0 3 0 3 1 1 1 5 1	0 1 3 0 7 1 1 1 4	1 2 3 0 7 2 1 1 2 2	0 3 2 1 5 2 1 0 2	1 4 2 2 3 2 1 0 2	1 3 3 **** 2 2 1 0 2 1	1 3 4 **** 2 1 1 0 2	**** 3 3 1 1 1 1 **** 3 0	0 3 3 - 1 2 1 ****	0 3 4 3 1 2 1 1 4 2	0 3 1 2 1 1 1 1 3 2	0 3 1 3 1 2 1 0 3	0 7 1 2 1 2 1 0 3	0 3 0 2 1 2 1 1 3	1 4 0 1 1 2 1 1 3	0 4 0 2 1 2 1 1 3 1	0 3 0 . 1 2 1 1 2 1	0 2 0 3 1 1 1 1 2 1	0 2 2 1 3 2 1 1 3 1
11 12 13 14 15 16 17 18 19	1 1 1 1 2 1 3 1	1 1 1 2 1 3 1	1 1 1 1 2 1 3 1	2 1 1 0 1 2 1 2 1	1 0 1 1 0 1 2 1 2 1	1 0 2 1 0 1 3 1 3	2 0 2 1 0 1 3 1 2 1	1 1 2 1 0 1 4 1 2 1	1 1 1 1 1 3 7 2 3 1	2 1 1 1 2 2 6 1 2	2 1 1 1 2 - 1 1 1 1	1 **** 0 1 1 2 4 ****	1 0 0 1 1 1 4 ****	1 0 0 1 **** 1 4 1 1	1 0 1 1 **** 1 4 1 1	2 0 1 1 1 1 4 1 1 1 1	1 0 1 1 1 4 1 1 1 1 1 1 1	1 0 1 1 1 4 1 1 1 1	2 0 1 1 2 2 4 2 1	1010225311	1 1 0 2 2 5 2 1	1 1 1 0 2 2 2 4 1	1 1 1 0 1 3 2 3 1	1 0 1 2 1 1	1 1 1 1 1 2 3 2 2
21 22 23 24 25 26 27 28 29	2 1 1 1 2 3 2 1 0	2 2 1 1 3 2 1 0 1	3 1 1 1 2 2 1	3 1 1 1 1 1 2 1 0	3 1 1 1 2 2 1 0 1	2 1 1 1 3 2 1 0 1	2 2 1 1 2 2 2 0 1 1	2 1 1 2 2 2 0 0	2 1 1 1 1 2 2 1 1	2 1 1 1 2 2 1 1 1 1	3 1 1 1 4 2 3 0 1	2 **** 1 1 3 2 5 0 0	1 **** 0 1 1 2 1 0 ****	1 **** 1 1 **** 1 1 0 ****	1 0 1 1 2 1 1 0	1 0 0 1 7 1 0 0 1	1 4 1 1 0 1 1	1 1 1 4 3 1 0 1 1	1 0 1 5 4 1 0	1 1 1 4 4 1 0	1 0 2 4 3 1 0	1 1 2 3 2 1 0 1 1	1 1 2 3 2 1 0 1	1 1 2 3 2 1 0 1 1	2 1 1 3 2 2 0 1 1
MEAN	1	1	1	1	Ť	1	1	2	2	2	2	2	1	1	1	2	1	1	2	2	2	1	1	Ĭ	1.4

PERCENTAGE OF DATA VALID - 97.1

PERCENTAGE OF DATA INVALID - 2.5

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - DEC HOUR 10 12 15 19 20 21 22 23 24 MEAN DAY 0 **** 2 060221 0 2 1 3 8 8 10 12 13 14 15 16 17 0 19 0 21 22 23 24 25 0 020000 26 27 28 00 29 30 31 0 0 0 0 0 0 0 0

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- * " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

					-					
STATION -	C	NO 34002	SC	CTR	770	DON	MILLS	RD.	NORTH YOU	RK.

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2.0	6	11
FEB	29	1.8	5	17
MAR	31	1.6	3	10
APR	30	1.4	3	7
MAY	31	0.8	2	4
JUN	30	1.2	3	В
JUL	29	1.2	9	16
AUG	31	1.2	3	7
SEP	30	1.0	2	5
OCT	21	0.8	4	13
NOV	30	1.4	3	7
DEC	31	1.2	3	14
YEAR	353	1.3	9	17

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	C NO	34002	sç	CTR 770 DC	ON MILLS RO	. NORTH YO	RK	
MONTH	00 TO	04 05	TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL
JAN		602	84	4	0	0	0	690
FEB		624	35	2	1	0	0	662
MAR		681	21	0	0	0	0	702
APR		687	12	0	٥	0	0	699
MAY		711	0	0	0	0	0	711
JUN		670	18	0	0	0	0	688
JUL		657	16	4	3	0	0	680
AUG		688	38	0	0	0	0	726
SEP		695	6	0	0	0	0	701
OCT		552	7	2	0	٥	0	561
NOV		684	15	. 0	0	0	0	699
DEC		695	16	1	0	0	0	712
YEAR	7	946	268	13	4	0	0	8231

FREQUENCY	DISTRIBUT	ION BY PE	ERCENTILES	i								
	PERCENT OF DATA				FREQUENCY		TRATIONS					ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
		.20					2 5	2.5	4 0	6.2	17	1 2

UNITS - 0.01 PARTS/MILLION

	STA	TION .	c	NO 3	34007	В	BATHUR	ST/WI	LSON,	NOR	TH YO	RK				MON	TH -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	1 1 0 3 1 3 0 2	1 2 1 0 3 1 1	1 1 1 0 4 1 1 1	1 1 5 1 1 1 1 1	1 1 1 1 1 1 2	1 1 1 0 6 1 1 1 2 2	1 1 1 5 1 0 1 1 2	1 1 1 5 5 0 1 2 2	1 1 1 6 7 0 1 1 2	1 2 1 2 5 10 1 1 1	1 1 1 6 5 0 2 1 2	1 1 1 5 1 0 4 1	1 1 3 6 0 5 1 1	1 2 1 1 1 4 0 1	1 0 1 0 11 0 1 0	1 1 1 0 8 0 0	1 2 0 1 0 6 0 0 0 2	1 1 0 2 0 1 1 0 0 0 1	1 1 1 1 11 0 0	1 0 1 1 15 ****	2 2 1 1 1 10 1 0 1 2	1 0 1 0 9 0 1 1 3	2 1 0 1 1 17 1 1 3	1 2 0 1 1 9 0 2 2 3	1 1 1 3 6 0 1 1 2
11 12 13 14 15 16 17 18 19	5 1 4 1 0 1 1 0 3 2	2131001051	3 1 3 0 0 1 1 1 6 1	2 1 8 0 1 1 1 6 1	1 10 1 0 1 1 1 7	1 7 0 0 0 2 1 9 1	0 1 9 1 1 1 8	1 15 0 0 1 2 6 0	0 1 12 1 0 1 1 2 8 0	1 9 1 0 2 1 1 8 0	0 1 10 0 0 0 0 2 6	0 1 8 1 0 0 0 1 4	029000003*	0 2 7 1 0 0 0 1 4	1 5 0 1 0 0 1 3	0 1 6 0 0 0 0 2 1	- 5	1 **** 0 2 1 1 10 0	0320312281	0 4 1 1 2 1 1 3 4 0	061030220	1 3 0 0 2 0 1 2 3 0	0 **** 1 1 1 1 2 2	1 5 0 0 1 1 1 2 2	1 2 6 0 1 1 1 5
21 22 23 24 25 26 27 28 29	1 1 5 1 4 1 1 1 2 1	1062632121	2 1 4 1 6 1 1 0	1 1 7 2 7 2 2 1 1 1	1 1 3 1 6 1 2 1 1	1 1 5 2 6 2 1 1	1 1 5 2 4 1 2 1 1 1	1 1 6 2 4 2 1 1 1 2	1 1 5 2 4 - 2 1 1	0 1 5 2 2 - 1 1 0 -	0 1 4 1 3 2 2 1	2 1 5 2 2 3 1 1 1	1053221110	0 1 3 2 2 2 0 1 2 1	1 1 2 1 1 3 1 2 1	1 1 2 1 3 1 0 2 1 0	2 2 2 2 1 9 1 1	1 2 1 2 1 1 5 1 0	1 1 1 **** 1 1 6 1	1 1 2 2 1 2 1 9 0	2 2 1 2 2 1 0 3 1 0	**** 2 1 3 2 2 2 2 2 2 0	0 2 1 3 2 1 1 2	1 3 1 4 2 1 1 2 0 2	1 1 3 2 3 2 1 2 1
31 MEAN	2	2	3 2	2	2	2	2	2	3 2	5	5	11 2	12	5 2	4 2	4	3	5 2	5 2	4 2	2	2	2	1	4 1.8

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	P	OLLU	ATION - C NO 34007 BATHURST/WILSON, NORTH YORK														01 PA	ARTS/N	MILLIC	N						
	S	TATI	on -	C	NO	34007	7	BATHL	IRST/W	VILSON	, NOF	TH YO	RK				MOM	TH -	FEB	76						
HOUR DAY	1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 **** 6 0 2 0 0	***	1 1 * *** 4 1 3 0 0 1 5	2 1 3 1 3 0 0 0 5	2 1 **** 4 1 3 1 1 0 5	3 1 **** 4 1 2 1 0 0 5	2 1 **** 3 2 1 1 0 1 4	3 1 **** 3 2 1 1 0 1 4	2 0 **** 2 1 1 0 0 1 6	3 1 **** 2 2 1 1 1 1 8	3 0 **** 2 1 1 0 2 8	5 1 **** 0 1 1 1 1 2 7	6 0 1 2 1 1 0 0 4 7	4 1 2 1 1 1 0 7	2 0 1 0 1 1 0 0 5 7	2 **** 1 1 **** 0 0 0 2 4	2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 **** 1 0 1 1 0 0 3 5	0 1 0 1 1 1 0 4 7	0 ****, 2 1 1 0 0 0 3 6	1 0 0 0 6 3	1 1 1 - 0 0 1 6	0 **** 1 0 - 0 0 1 8 1	1 **** 4 1 1 1 0 1 8	0 **** 6 0 2 0 1 1 10 1	2 ****** ****** 2 1 1 0 0 0 3 5
11 12 13 14 15 16 17 18	2 1 2 1 2 0	***	1 2 1 1 1 1 1 1 1 1	† 1 2 1 2 0	1 2 2 1 2 1	1 1 2 1 2 0	2 2 1 0 2 0	1 2 1 1 2 0	1 4 1 0 2 0	1 4 1 2 2 0	1 2 1 0 2 0	1 2 1 1 1 0		1 5 0 1 1 1 DATA DATA	1 NVA	LID -	1 5 0 1 0	0	1 2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 0 1 0 ****	1 3 1 1 0 0	1 3 0 1 0	2 3 0 1 0 *****	1 4 1 3 1 ****	1 2 1 5 0 ****	1 3 1 1 1 *****
20 21 22 23 24 25 26 27 28 29	3 6 6 4 2 -	***	1 4 1 1 1 1 1 1 0	3 1 0 2 0 ** 0 0 0	1 2 1 0 1 **** **** 0 0 0 1	1 2 1 1 1 0 0 0 0	1 1 1 1 2 ***** 0 0 0	1 2 1 1 1 1 ****	1 0 0 1 2 **** * **** 0 0 1	0 1 1 0 1 **** **** 0 0 1 1	1 0 0 0 1 **** 0 0 2	0 0 1 **** 0 1 2	1 0 0 2 **** 6 0 1	0 0 0 1 **** 2 1 1 1 1	0 0 0 0 1 1 1 1	0 1 - 1 **** 1 0 1 2	1 0 - 1 1 1 1 2	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	O 1 1 **** O O 1 1	1 0 0 0 0 **** 0 0 1	2 0 0 1 **** 0 0 1 1	000000000000000000000000000000000000000	3 **** 0 0 **** 0 0 1 0	2 0 1 3 3 **** **** 0 0 1 1	1 1 0 1
MEAN	1		1	1	1	3	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1.3

PERCENTAGE OF DATA VALID - 78.9 PERCENTAGE OF DATA INVALID - 20.3 PERCENTAGE OF DATA UNAVAILABLE - 0.9

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

DOL I	HITANT	1940	CILL DIVID	DIDAIDE

	ST	ATION	- 1	C NO	34007	ž.	ВДТН	JRST/V	VILSON	. NOR	TH YO	RK				MON	TH -	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		0	1	0	0	0	0	1	1	1	0	•	1	0	0	0	0	0	0	0	0	1			0
2					0	0		****							1	0	•		0	0	0	1	0	•	*****
3	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
Ā	ō	ĩ	1	1	2	0	0	0	0	0	0	0	0	0	1	1	1	1	1		1	1	1	1	1
5	ō	Ó	o	0		0	0	1	2	2	1	2	1	10	2	0	0	0	0 0 0	0	0	0	0		1
6	ŏ	ŏ	ō	ō		0	0	****	0		0	0	0	-	0	1	0	0	0	0	0	0	1	0	0
7	ŏ	-		Sec 14:14:14:1		0	0	0		0	0	1	0	0	0	0		0	0		1	0	0	0	0
á	ĭ	0	0	0		0	O		0	0	0	0	0	0			0	0	0	0	0	0	0	0	0
9	2	3		0 5	6	5	7	7	2	1	0	0	0	0	0	0	0	1	0	0		0	0	1	2
10	0	0	0			1	1	2	2	1	1	0	1	1	****	2	1	1	1	0	0	0	0	0	1
11	1	0	0	1	1	1	0	0	1	2	2		-			****	1	0	0	0	1	1	1	1	1
12	2	ĭ	2			1	1		1	0	1	0	****		0	****	0			1	0	0	0	0	1
13	ō	ò	ō			ò	Ó		1		0	o	0	0	0	0	0	0	0	0	1	0	٥	0	0
14	ŏ	ŏ	ŏ	975		ō	ā		Ó	0	0	0	0	0				****	****				0	0	0
15		0	ŏ			ō	1	ò	ō	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
16	0	ŏ	ŏ			õ	0			0				****		****						-			*****
17	·							-	-			1	1	1	1	0	1	1	1	1	1	1	2	1	*****
18	1			3	5	5	8	7	5	5	7	6	2	2	4	4	3	3	3	1	1	2	1	1	3
19	à	- 4	2			2	4	2	2	1	2	3	2	1	0	0	2	2	3 2	1	1	2	1	1	2
20	ī	j	1	ī	1	1	1	1	1	2	2	3	4	4	5	4	4	3	3	3	3	4	3	3	2
21	3	1	1	1	2	1	1	1	1	• • • •	1	1	1	1		1	2	1	1	1	1	1	1	1	1
22	2	2	-	1	2	3	4	4	3		2	1	2	3			4	3	2	0	1	0	0	1	2
23	0	1	1	1	1	1	1	1	2	1	2	1	1	1	250	0	0	1	1	٥	1	1	4	3	1
24	3	2	3	2						2	3	4	4	3	3		2	4	4	4	2	2	3	2	3
25	1	1	1	1	1	0		0		1	1	1	1	,	1	0	0	0	0	0	0	• • • •	0	****	1
25 26	0 3 0	0	C							••••	• • • •		••••	****		2	1	1	2	1	1.		3	3	1
27	3	3	3	2	4	3			2	- 1	2	1	2	1		1	0	1	1		0	0	0		2
28	0	0	1	1	1	1	1	1	1	1	1	- 1	2	1	1	2	2	1	2	1	2	1	1	2	1
29	2	2	2	- 3	2	1	1	1	2	1	٥	0	0	1	0	1	1	2	1	1	1	0	0	- 1	1
27 28 29 30	1	1	1	1	1	••••	1	1	1	1	1	1	1	1	1	- 1	1	1	1	1	2	1	2	1	1
31	1	2	2	2	1	2	1	1	2	1	1	*	-	0	1	••••	1	-1	1	0	2	1	5	0	1

PERCENTAGE OF DATA VALID - 87.1 PERCENTAGE OF DATA INVALID - 7.8

PERCENTAGE OF DATA UNAVAILABLE - 5.1

- NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - .. INDICATES DATA IS UNAVAILABLE

MEAN 1 1 1 1 1 1 1 1

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULPH	UR DI	OXIDE								UNITS	- 0.	01 PA	RTS/M	LLIO	N						
	ST	ATION	٠ ,	NO	34007		BATHUR	ST/WI	LSON.	HOR	TH YO	RK				MON	TH - 7	PR	76						
HGUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 1	0 0 1 0 0 1 0 2	0 0 0 0 1 0 1 0 1 0 1	0 0 0 0 0 0 1 0 0 0 1	0 1 0 0 0 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 2 0 1 0 1 1 0 0 3	000000000000000000000000000000000000000	1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	000000000000000000000000000000000000000	2 0 0 0 1 1 1 0 3 2	1 0 1 0 0 4 2	2 0 1 0 1 1 1 0 4 3	2 0 1 1 0 0 1 3 3 3	1 0 0 2 1 0 1	2 0 0 1 1 0 1 0 4 2	0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	2 1 1 4 1 3 1	2 2 1 2 4 1 1 1 3 1	2 2 2 2 6 0 2 1 1 0	2 2 1 2 6 1 1 1 0	2 2 1 2 5 0 1 1	1 2 4 1 1 1 1 1 1	2 2 0 4 3 0 1 1	2 1 0 2 1 0 1 1 1 1	1 1 0 2 3 0 1 2 2	1 3 1 1 2 2 2 2 2 1	1 2 2 4 1 2 2 1 0	1 3 1 3 3 1 2 2 1 0	2 1 4 3 2 2 3 1	1 1 5 3 2 2 2 1	1 1 2 3 1 2 2 2 2 0	2 3 2 2 2 1 6	2 0 1 2 1 2 2 1 1 3	2 1 3 1 2 1 1 1 2	2 1 1 4 1 2 1 1 2 2	3 0 1 2 2 1 1 1 1 1 1 1	3 1 2 1 1 1 1	3 1 2 1 2 1 1	2 1 1 3 1 1 1 2 0 0	2 1 4 1 1 3 1 0	2 1 1 3 3 3 1 1 2 1 1 1
21 22 23 24 25 26 27 28 29	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 1	1 1 0 0 0 1 1 1	0 0 0 0 0 0 0 0 0	0 0 0 0 1	0 0 0 0 0 1	0 0 0 0 0 1 0 1 2	0 1 0 1 1 1 1 1	000000000000000000000000000000000000000	0000001011	100000000000000000000000000000000000000	1 1 0 0 1 0 0 1 1	200001	100000000000000000000000000000000000000			201001001	1 0 0 0 0 1 1 1 0	000000000000000000000000000000000000000	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 1 1	1 0 1 0 0 0 0 1 1	000000000000000000000000000000000000000	0000000	0 0 0
MEAN	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 3.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - -- INDICATES DATA IS UNAVAILABLE
 - 3. " ... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION	1 - 0	NO.	34007		Ватни	RST/W	ILSON	. NOF	TH YO	DRK				MON	NTH -	MAY	76						
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY		-		-				_	9		37.0		, ,	81181	, ,							_			
1	2	0	1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	2	1
2	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	0	1	0	0	0	0	1	0	1
3	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	-	1	0	U	Ü	Ü
5	0	0	0	0	0	2	0	2	0	0	1	0	0	1	1	2		1	1	1	1	1	1	0	2
6	2	2	2	2	ő	0	1	o O	2	0	ó	2	0	0	1	0	****	ó	o	ò	Ó	ó	ó	0	2
7	ò	0	0	3 4	0	0	4	0	0	٥	1	0	1	0	0	0	0	ŏ	ő	ŏ	0	1	0	ő	ő
8	ő	o	0	ò	0	o	4	0	o	0	ò	0	- 1	ő	1	ŏ	ő	1	0	Ö	ő	1	ō	1	ő
9	o	o	1	0	0	1	1	1	2	1	1	1	1	1	1	ŏ	o	2	1	ŏ	2	- 1	1	1	1
10	107	****	3	3	4	5	4	4	5	5	****	2	6	à	2	1	1	ō	4	1	1	2	4	1	3
			-			100						_		cont.	-							~			
11	2	1	0	0	0	1	0	0	1	1	2		* * * *	*		0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
13	0	0	0	1	0	0	1	0	0	1	1	3	2	1	1	1	2	1	2	1	0	1	0	1	1
14	1	1	1	1	2	2	6	7	9	5	6	3	1	2	1	1	0	1	0	0	0	0	0	0	2
15	0	0	0	0	0	0	1	1	1	0	1	1	0	1	1	0	0	0	0	2	0	0	0	0	0
16	1	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	3	O
17	***	0	0	0	0	0	1	3	1	1	0	0	0	0	0	0	0	0	0	0	****	0	0	****	0
18	0	0	0	0	0	1	0	0	1	0	1	0	0	. 0	0	0	1	0	0	. 1	0	0	1	0	0
19		0	****	1	0	0	0	0	0	****	****	1	0	****	****	****	****	****	****	****	****	****	****	****	*****
20	****	****	****	****	****	****	***	****	****	****	****	****	****	****	0	0	0	1	0	0	0	0	0	1	*****
21	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	1	1	1	0	1	0	0	0
22	0	0	0	0	0	0	Ö	0	0	1	2	1	0	2	1	0	0	0	0	0	0	1	1	2	0
23	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0
24 25 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	1	0	0	0	0	0	1	0	0	0		1	0	1	0	1	0	1	0	0	1	0	О
26	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1		1	1	1	1	0	1	0	0	o
27	0	0	0	0	0	1:	0	0	1	0	0	0	2	4	3	5	5	2	2	- 1	2	2	2	1	1
28 29	0	0	1	0	2	. 2	2	3	2	2	3	2	2	2	1	2	4	2	- 1	1	1	1	2	1	2
30	0	0	0	2	0	0	0	- 3	1	0	1	2	0	1	0	1	1	0	0	0	1	0	0	0	0
30	U	U	U	U	U	U	U	1	-1	U	į.	90	U	1.	U	-1	ŕ	U	U	3.	0	.1	U	U	O
31	0	0	0	1	0	0	1	0	0	1	0	0	1	O	0	0	0	0	0	0	0	0	0	1	0
MEAN	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0.7

PERCENTAGE OF DATA VALID - 94.5

PERCENTAGE OF DATA INVALID - 4.7

PERCENTAGE OF DATA UNAVAILABLE - 0.8

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "." INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MUL - HTMOM HOUR 11 12 24 MEAN DAY 5 6 7 8 12 . 0 ... n ò 14 15 16 17 O 0 1 2 2 19 20 22 23 24 25 26 27 ō 1

PERCENTAGE OF DATA VALID - 94.3 PERCENTAGE OF DATA INVALID - 4.9

PERCENTAGE OF DATA UNAVAILABLE . 0.8

0.6

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE

	STA	TION -	c	NO	34007		BATHUR	ST/W	ILSON	, NOR	TH YO	RK				MON	TH	JUL	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2	0	0	0	1	0	••••		0	0	۰		٠	1	0	0	0	1	0	0 1	1	0	1 0	0	0	0
3	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	1	0	0
5 6 7	1	Ö	Ī	0	1	1	1 2	1	1	1	1	1 7	1	1 6	2	1 2	3	2	2	1 2	2	1	1 2	1	1
7 8	1	1	1	1	1	1	1	1	2	2	3	4 2	3	3	4	3	2	1	1	1	2	2	2	1	2
8 9 10	0	0	0	0	0	0	0	0	1	1	1	1	1 2	1	2	3 1	1	3	1	0	0	0	1	1	1
11	0	0	0	1	0	0	1	1	1	;	1	1	2 1	2 0 3	2	1	1	1	1	1	1	1	1	1	1
12 13 14	3	0	1 2	1 2	1 2	1 2	1 2	2	2	1	2	2	3 2	3	0 3 2	3 2	3 2	3 2	3 3	2	0 2 2	2 3	0 3 3	2	2
14 15 16 17	1	0	0	2 1	0	3 0 0 0	3 0 0	0	3	0	0	1	1	1 0	1	0	0	0	• • • •	20	0	1	0	0	0
18	0 0 0	0	0	00	0	0	1 0	0	0	0000	0	0	0	1	0	0	0	0	1	0	0 1 0	0	0	0	0
19 20	1	0	0	1	í	1	2	3	i	2	2	2	2	3	2	1	i	i.	1	o	1	1	1	i	i
21 22 23 24 25 26 27 28 29	100000000	100000000	1 0 0 0 1 0 0 0 0	0 0 0 0 0 0 1	1001	000000000000000000000000000000000000000	0	0.000	0 0 0 0 0 0 0 0	1 0 3 3	0000	1 1 0 0 0 0 0 0 0 0 0 1	0 0 0 1 0 0 1 1 1	1 0 0 0 1 0 0 1	0 0 0 0 0 0 0 1	0 0 1 3 0 0 1	1 1 2 0 0 1 0 0 0 1	1 0 0 0 0 0 1	0 0 0 0 0 0 1	0 0 0 0 0 0 1	1 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 0 1	0 0 0 0 1 0 0 0 1	000000000	00000
31	1	1	1	1	1	1	0	1	0	0	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTANT	SULPI	HUR DI	OXIDE								UNITS	- 0.	01 PA	RTS/M	ILLIO	N							
	ST.	ATION -	c	NO	34007		BATHU	RST/W	ILSON	. NOR	TH YO	RK				MON	тн -	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1000010000	0 1 0 0 1 0 0 0 0 0	0000100000	0 0 0 0 0 0 0 0	000000	000120000	0 0 2 1 2 0 0 0 0	0 0 1 1 0 0 0 0 0	1 0 1 1 	0 0 1 2 1 0 0 0 0	0012100000	000000000	103200000	1 2 2 0 0 0 0 0	1 0 0 0 0 0	1 1 3 0 0 0 0 0	1 1 0 0 0 0 0 0 1	0000	1 1 1 0 0	000000000000000000000000000000000000000	00000	00000	0 0 0 0 0 1	000000000000000000000000000000000000000	1 0 1 1 0 0 0 0 0 0 1
11 12 13 14 15 16 17 18 19	0 0 0 0 0 1 0	020000000	0200010000	000000000000000000000000000000000000000	100000000000000000000000000000000000000	0 0 0 0 0 0 0	0 0 0 0 0 0 1	3 1 0 0 0 0 0 0	4 2 0 0 0 0 1 1 1 1	520000	7 1 0 0 0 1 1 1	7 1 0 0 0 2 0 1	201000021112	2 0 1 0 0 0 1 1 1 2	1 0 0 0 0 0 1 1	100010000000000000000000000000000000000	1 0 1 0 0 0 1 2 1 2	1 0 0 0 1 0 0 1 1 2	0 0 0 0 0 1 1	40000	3 0 0 0 0 0 0 1 1	2 0 0 0 0 0 1 1 3	000000000000000000000000000000000000000	000000000000000000000000000000000000000	2 1 0 0 0 0 0 1 1 1 1
21 22 23 24 25 26 27 28 29 30	2 1 1 0 0 1 2 2 3	2 1 1 0 0 1 2 2 3 3 3	2 1 0 0 1 2 2 3 3	110000	1 1 0 0 0 1 1 2 2 3 3	1 2 1 0 1 1 1 3 3	1 2 2 1 2 3 3 3 3	2 3 1 1 2 2 1 3 3	2 3 1 0 2 3 1 3 3 4	3 1 0 2 4 1 3 4	3 1 0 1 3 1 3 4	4 3 1 0 3 4 2 3 4	4 3 1 0 2 7 4 4 3	3 4 0 1 2 2 3 3	3 0 0 3 6 2 3 4	3 0 0 2 7 3 3	4 3 1 2 5 3 3	3 1 1 2 4 3 3 4	2 2 1 1 2 4 3 3 3 3	2 2 0 1 2 4 3 3 3 3	2 2 0 0 2 4 3 3 3	2 2 0 1 2 3 3 2 3	21001133323	2 1 0 0 2 3 3 3 3	2 1 0 2 3 2 3
31	••••	****											1	2	1	3	1	4	4	4	4	5	5	5	1.1
MEAN	1	1	1	- 1	1	1	1	1	1	1	1	1		~	1				1		1				1

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 5.4

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	٠ .	NO	34007		ВДТН	JRST/W	II LSON	I, NOR	TH Y	DRK				MON	ITH -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 223	3 1 1 2 0 0 0 0 1 1 1 0 1 0 2 4 4 **** 3 0 0 1 C 0 0 0	3 1 1 2 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 0 1 1 0	3 1 1 1 2 0 0 0 1 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0	4 1 1 1 2 2 0 0 0 1 1 1 1 0 0 1 0 0 0 1 1 1 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 0 1 1 0	3 1 1 1 0 **** 0 1 1 1 0 0 3 4 4 ****	3 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1	3 1 2 2 0 0 0 0 1 1 1 0 0 0 1 1 1 1 1 1 1	0	3 1 2 2 1 1 0 0 2 2 1 1 0 0 0 1 1 1 4 2 2 ***************************	3 1 1 1 0 ***** 1 2 6 0 0 1 1 1 2 3 2 3 2 1 1 1 0 0 1 1	1 1 2 2 1 0 0 0 1 1 2 2 2 - 0 0 0 0 1 1 1 0 0 0 0 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0	0 1 2 3 2 **** 0 0 1 1	2 1 2 2 1 0 0 0 0 2 2 3 3 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 4 1 **** 0 1 1 0 ****	2 1 1 1 1 0 0 0 2 3 3 2 0 0 1 1 2 3 3 3 ***************************	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	111000013330 0223	111000223111222	1 1 1 1 0 0 0 0 1 1 1 2 3 3 3 4 * * * * 3 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1120001210 0122**30000	1 2 3 0 0 0 0 1 2 2 2 2 0 0 0 0 0 0 0 0 0 0 0	1 2 2 2 0 0 0 0 1 1 2 2 0 0 0 0 0 0 0 0	1 1 1 1 0 0 0 0 1 1 1 0 0 0 1 1 1 0	1 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 2 1 0 ****** 1 2 2 2 0 0 1 1 1 3 ****** ****** ****** ****** ******
24 25 26 27 28 29 30	0 0 0 1 1 0	0 0 0 1 0 0	0 0 0 1 1	0 1 0 0 1 1	0 0 1 0 1 1 0	1 1 0 0	0 1 0 - 1 1 0	0 1 0 1 1 1	0 1 0 0 1 1	0 1 0 0 1 1	0 1 0 0 1 1	1 0 0 1 1	0 1 0 1 1 0	0 1 0 **** 1 **** 0	0 1 0 0 2 0	0 1 0 1 4 0	1 0 1 7 0	1 1 3 0 0	1 0 0 0 2 0	1 0 0 1 2 0	1 0 0 1 2 0	1 0 1 1 0	1 0 0 1 1 0	1 0 0 1 1 0 0	0 1 0 0 2 0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 93.8 PERCENTAGE OF DATA INVALID - 5.3

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POL	LUTAN	T - S	ULPHU	R DIO	XIDE							L	INITS	- 0.0	DI PAR	RTS/MI	ILLION	ı							
		STA	TION	- с	NO 3	4007	Ε	BATHUR	ST/WI	LSON.	NORT	H YOF	ŧΚ				MON'	тн - с	ост	76							
	HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 0 0 1 2	0 0 0 0 0 1 0 0	0 0 1 0 0 1 0 0	0 1 0 1 1 1 0 1	0 0 1 1 2 2 1 0 1 1	0 1 1 2 - 2 1 0 1 1	0 2 1 1 3 2 0 0 1	1 2 1 1 3 2 1 0 1	1 2 1 1 - 2 0 0 1 1	1 2 1 1 2 2 0 0 1 2	1 1 0 2 2 0 0 1 2	2 1 1 0 2 2 1 1 1 2	1 0 1 2 2 1 1 1 3	1 1 0 1 2 1 1 1 2	1 1 0 1 1 2 0 1 1 2	1 1 0 0 1 1 1 2	1 1 0 0 1 1 1 2	0 1 1 1 0 1 1 2	0 1 0 0 1 1 1 1	0 0 1 2 0 0 1 1	0 0 0 0 2 0 0 1 1 1	0 0 0 0 1 0 0 1 1		0 1 0 1 1 0 0 1 2
	11 12 13 14 15 16 17 18	1 3 4 0 1 0	1 3 4 0 1 0 - 1 1	2 4 4 0 1 0 - 1 1 0	2 5 3 0 2 0 - 2 1 0	2 6 2 0 5 1	3611441-1100	4 6 1 1 3 1 - 1 1	6 2 0 * 2 1 1	4 4 2 2 2 0 - 1 - 1	3 2 2 1 2 0 - 1 - 1	3 2 1 2 1 1 1 1 1 1	3 2 1 **** 1 - 1	2 3 2 1 2 1 - 1	2 3 2 1 1 1 1 - 1 1 - 1	3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 1 1 1 1 1 1 1 2	2 3 1 1 1 1 1 1 1 2 2	2 2 1 1 1 1 1 - 0 - 1	3 2 1 1 1 0 0 - 1	3 2 1 1 1 - 1 - 0 - 1	3 3 1 0 0 0 0 - 1 - 0	4 4 0 0 0 0 1 1	3 8 0 1 0 - 1 1	3 5 0 0 0 1 1 0 0	****	1
	21 22 23 24 25 26 27 28 29	0 0 0 1 0 1 2 1 1	0 0 1 0 2 1 1 1 3	0 0 0 1 0 1 2 1 1 2	0 0 1 0 1 1 1 1 2	0 0 0 0 1 2 1 1 2	1 0 0 0 0 1 2 1 1 3	0 0 0 0 1 1 1 2 3	0 0 0 0 1 1 2 1 4	0 0 0 0 1 1 1 1 3	1 0 0 0 0 1 1 1 2 3	0 1 0 0 1 - 1 2 3	1 0 1 0 0 1 0 1 1 3	1 0 1 0 1 0 1 1 4	0 0 1 0 0 1 1 1 1	0 0 1 0 6 1 1 1 2 3	0 0 1 0 4 1 1 1 2 4	0 0 1 0 0 1 1 1 1	0 0 1 0 0 1 1 2 5	0 0 1 0 0 0 1 1 2 6	0 0 1 0 0 0 1 1 2 6	0 0 1 0 1 1 1 1 2 6	0 0 3 0 1 1 1 2 3	0 0 2 0 1 2 1 1 2 2	2 2 2 1 2 2		0 0 1 0 1 1 1 1 2 3
	31	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		2

PERCENTAGE OF DATA VALID - 93.1

MEAN

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 6.2

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	· c	NO	34007		BATHUR	ST/WI	LSON,	NORT	TH YO	RK				MON1	TH - 1	101	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1 0 1 4 1 0 1 0 0 1	1 1 3 1 0 0	2 2 2 0 0 0 0 1	2 2 1 2 1 0 0 0	1 3 2 1 0 0	1 5 1 1 0 0 1 1 1	1 7 1 1 2 0 0 0 4 1	2 8 2 1 2 0 0 5	1 6 2 1 4 0 0 0 2 1	1 5 1 2 3 1 1 0 2 1	1 10 1 3 1 1 0 0	1 7 5 1 0 0	1 5 3 3 1 1 0 0 2 1	1 3 1 3 1 1 0 0 2	1 3 0 . 0 1 0 0 2 2	0 4 0 1 1 1 0 0 0 1	0702000021	0 3 0 2 0 0 0 0 3 1	0 2 0 3 0 0 0 3 0	0 2 0 1 0 0 2 0	0 2 2 1 0 0 2 1	0 2 3 1 0 0 0 0 2 0	0 2 3 . 0 0 0 0 2 1	0 1 4 1 0 0 0 0 1 0	1 4 1 2 1 0 0 0 2
11 12 13 14 15 16 17 18 19	10000212010	1 1 0 0 1 0 1 0	1 1 0 0 2 2 1 0	1 1 0 0 2 1 1 0 0 0	1 1 0 0 0 2 1 2 0 0	1 1 0 1 1 2 0 0 0	0 1 0 0 0 0 0 0	1 1 1 0 1 1 4 0 0	1 1 0 1 0 3 0 1 0	1 0 0 1 0 2 1 0 0	1 1 0 0 1 1 0 1 0	1 1 0 1 1 3 1	1 1 1 1 1 4 0 0 0	1 1 1 1 4 0 0 0	1 1 0 1 1 4 0 0 0 0	0 1 1 0 1 1 5 0 0	000007000	0000004000	1 0 0 0 0 0 4 0	0 0 0 1 0 1 2 1 0 0	1 0 0 0 1 0 0 0	0 0 1 2 1 2 1 0 0 0	0 0 0 2 1 2 1 0 0 0	1 0 0 2 1 2 0 1 0 0	1 1 0 0 0 1 1 3 0 0 0
21 22 23 24 25 26 27 28 29 30	1 0 1 4 1 1 0 1	1 0 0 1 1 1 1 1	2 0 1 1 1 4 1 0 1 1	201115510001	2 0 1 1 1 4 1 0 0	1 0 1 1 0 1 1	1 0 1 1 3 1 0 1 1	1 0 1 0 2 3 1 0 0	1 0 1 1 5 1 0 0 1	1 0 1 1 2 4 3 0 0 1	0 0 1 1 2 3 2 0 1	1 0 1 1 2 2 2 0 0 1	0 0 1 1 2 3 1 0 0 1	0 0 1 1 2 3 1 1 0 1	0 0 1 1 3 2 1 1 1 1 1	0 1 1 4 1 1 1 1 1 1	0 1 0 1 6 1 1 1	0 1 1 4 1 1 1 0	0 1 0 1 5 1 1 0 0	0 1 0 1 1 0 0 1	0 1 0 1 4 0 1 1 1 1	0 1 0 1 4 0 1 1	0 1 3 0 1 1 0 1	0 1 1 1 3 1 1 1 1 1 1 1	1 0 1 1 3 2 1 0 0 1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	T - S	ULPHU	R DIO	XIDE							ı	UNITS	- 0.0	01 PA	RTS/MI	LLIO	N						
	STA	TION	- с	NO 3	4007	В	ATHUR	ST/WI	LSON.	NORT	H YOR	RK.				MON'	TH - C	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 3 1 2 2 3 1 0 1 2	1 2 2 3 3 0 1 2	1 2 2 2 2 4 5 0 1 2	1 2 2 2 1 4 2 0 1 2	1 2 2 2 1 5 3 0 1 3	2 2 2 1 5 2 0 2 4	2 2 2 1 4 2 0 3 6	2 1 2 2 1 3 2 1 3 12	2 1 3 1 1 3 1 1 3 7	3 2 5 2 1 3 1 1 2 3	242231022	2 3 1 2 4 1 1 2 2	1 2 4 1	1 3 1 2 4 1 2 1 2	1 2 1 2 4 2 12 12 1	2 1 1 2 4 2 3 0 1	6 1 1 1 2 4 0 1 1 1 1	5 1 1 2 4 0 1 0 1	3 1 2 1 3 4 0 1	2 1 1 2 3 4 0 1 1 0	2 1 1 3 2 5 0 1 1 0	3 1 2 2 2 3 0 1 2 1	3 0 2 2 2 2 0 1 2 1	3 0 3 2 3 1 1 1 2 0	2 1 2 2 2 4 1 1 1 2
11 12 13 14 15 16 17 18 19	0 1 1 3 1 1 2 2 2	0 2 0 2 1 3 1 1 3 2	0 2 0 8 1 2 1 2 2 1	0 2 1 9 1 2 1 1 3	0 1 1 9 1 2 1 1 3 0	1 1 8 1 2 0 0 4	0 1 7 1 1 1 0 4	0 1 1 3 1 1 0 4 0	0 1 2 2 1 1 0 0 4	1 1 2 2 1 1 0 0 4 1	1 1 2 3 1 1 0 0 3 1	1 1 3 1 1 - 0 2 0	1 1 2 1 1 0 2 0	5 1 2 2 1 2 0 2 0	10 1 1 1 0 0 2 0	1 3 1 0 2 0	9	6 0 2 1 1 1 0 0	5 0 1 1 1 1 1 3 0	3 0 0 1 1 1 1 3 0	2 0 0 1 1 2 0 0 3	1 0 0 1 2 2 0 1 3 0	2001220140	2 1 1 2 1 1 1 3 0	3 1 3 1 1 1 1 3 0
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	1 0 0 0 4 0 0 0	0 1 1 0 4 1 1 0 0 1	1 1 0 4 0 0 0 0 1	1 1 0 3 0 0 0 0 1	1 1 0 3 0 0 0 1 1	1 0 1 0 2 0 1 0 0 1	1 1 0 0 2 1 2 0 0 1	1 1 1 2 0 3 0 1 2	1 1 2 0 2 0 1 2	1 1 2 0 2 0 1 2	1 1 1 2 0 1 0 1 1	1 1 0 1 2 0 1 0 1 1	1 2 0 1 2 1 0 0 1 1	1 1 0 0 2 0 0	1 2 0 0 2 0 0 0 1 1	0 2 0 3 2 0 0 0 1 1	0 3 0 11 1 0 0 0 1 0	0 2 0 11 1 0 0 0	020600001	0 1 0 2 0 0 0 0 0 1	0 1 0 3 0 0 0 0 0 1	0 1 0 6 0 0 0 0 1	0 1 0 6 1 0 0 1 1	1 1 0 2 2 0 1 0
31	1	1	. 1	1	1	1	1	1	1	1	0	0	1	1	2	2	2	1	1	1	1	0	0	0	1
MEAN	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 1.9

- .. INDICATES DATA IS UNAVAILABLE
- 3. " --- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

NOTES 1. " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	C N	0 34007		BATHURST/WILSON, NORTH YO	DRK		
MONTH		NO	OF	DAYS AVERAGE C	CONCENT 24-HOUR	MAXI MUM MAXI MUM	XIMUM READING
JAN			31	1 1.8	3	3	17
FEB			20	0 1.3	3 5	5	10
MAR			28	8 1.0) ;	3	10
APR			29	9 0.9	9	3	6
MAY			29	9 0.7	7	3	9
JUN			29	9 0.6	5 2	2	17
JUL			30	0 0.8	3	3	7
AUG			29	9 1.1	1 3	3	14
SEP			27	7 0.9	9 ;	3	7
OCT			29	9 1,1		4	В
NOV			30	0 1.0		4	10
DEC			31	1 1.4	1	4	12
YEAR		*	342	2 1.0) (3	17

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT	-	SULPHUR	DIOXIDE	

UNITS - 0.01 PARTS/MILLION

STATION -	С	NO	340	07		BATH	HURS	ST/V	VILS	ON.	NOF	₹TH	YOR	(
MONTH	00	то	04	05	то	10	11	то	14	15	TO	25	26	то	39	40	&OVER	TOTA	L
JAN		(549			70			6			3			0		0	7	28
FEB		ţ	517			32			0			0			0		0	5	49
MAR			631			17			0			٥			0		0	6	48
APR		(682			5			0			0			٥		0	6	87
MAY		(692			11			0			0			0		0	7	03
JUN			676			1			1			1			0		0	6	79
JUL		1	699			5			0			0			٥		0	7	04
AUG		1	689			10			1			0			0		0	7	00
SEP			573			2			0			0			0		٥	6	75
oct			679			14			0			0			0		0	6	93
NOV		-	698			17			0			0			O		0	7	15
DEC		-	699			22			5			o			0		0	7	26
YEAR		7	984			206			13			4			0		0	82	07

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT	CONCENTRATIONS													
OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH			
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN			
93.4	0	0.0	0.0	0.3	0.8	2.0	3.0	4.7	6.1	17	1.0			

001	I SIT ALIT	SULPHUR	DIAVIDE

	ST	ATION		C NO	35003	E	LMCR	EST R	OAD,	ETOBI	COKE					MON	гн - "	MAL	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11.	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8	1 1 1 1 1 4	1 0 1 1 2 1 3 0	1 1 1 2 1 3 3 0	1 3 0	2 1 3 1 3 0	1 1 2 2 3 1 2 0 2	1 0 1 3 3 1 1 1 2	1 1 2 4 1 1 1 2	0 0 1 2 4 2 1 1 2	0 1 2 4 4 1 2 2	0 0 1 1 3 5 2 1 2	0 1 1 3 5 2	0 1 1 0 2 4 2 1 2	1 1 0 5 1	1 2 1 1 1 4 2	1 3 1 1 4 3 1 2	1 2 1 1 3 2 1 2	1 1 2 2 4 1 1 2	0 1 3 1 5 1	0 2 1 4 1 5 1 1 2	0 2 1 2 1 6 1	0 3 1 1 7 1 1 3	0 3 1 1 5 0 2 3	0 1 0 1 4 0 2 3	1 1 1 2 3 2 1
10	3	3	3		3	3	5	5	4	3	3	2	2	2	2	2	2	2	2	2	2	3 2 1	2	3	3
11 12 13 14 15 16 17 18 19	2 4 2 1 1 2 1 1 3	2 4 3 1 2 2 0 1 2	1	3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 3 2 2 2 2 0 4 2	2 1 3 0 2 2 2 0 4 2	2 2 2 1 0 4 1	1 1 3 1 0 7	3 2 1 1 2 1 1 10 2	3 2 1 1 1 1 1 8 2	3 8 1 1 1 1 5 2	3 8 1 1 2 1 2 7	3 2 1 1 2 7	5	2 2 5 2 1 2 1 2 5	2 4 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 6 1 1 3 1 1 7 2	1 2 3 1 1 4 2 1 4 1	1 2 2 1 0 2 1 4 1	2 2 1 2 1 3 0	1 2 1 2 1 3 0	1 2 1 2 1 1 1 3 0	2 2 2 1 2 1 3 0	2 4 1 1 2 2 1 5
21 22 23 24 25 26 27 28 29 30	0 1 2 1 2 2 0 0	1 1 2 2 3 2 0 0		2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 0 0 0 2 3 1 1 1 1 1 2 1 0 0 0	1 1 5 1 0 2 1 2 1 0 0	1 0 5 1 1 2 1 2 2 0 0	1 0 5 1 2 2 1 2 2 0 0	0 0 4 2 3 1 1 0 2 0 0	0 0 4 2 3 2 1 0 0 0 0	20423211000	2 0 4 2 3 1 1 1 0 0	2 1 6 2 4 2 1 1 0 0 0 4	2 1 3 2 3 3 1 0 0	1 4 1 2 2 0 1 0 1	1 3 1 2 2 0 1 0 0	3 0 2 3 0 1 0 0	2030240100	3 0 2 4 0 1 0 3	3 1 2 0 2 2 0 1 0 0 2	1 1 20 2 20 1 00 2	1 2 1 0 2 2 0 1 0 0 1	1 2 1 0 2 2 0 1 0 0 1	1 2 1 0 2 2 1 1 0 0 1	1 1 3 1 2 2 1 1 1 0 2

PERCENTAGE OF DATA VALID - 97.0

MEAN

PERCENTAGE OF DATA INVALID - 3.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

2 1 1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - FEB 76 STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE 22 23 24 MEAN 17 18 20 21 10 11 12 13 15 16 19 HOUR DAY 5 00300 1.3 1 2 MEAN

PERCENTAGE OF DATA VALID - 96.0

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. " *** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	- с	NO	35003		ELMCRE:	ST R	OAD,	ЕТОВІ	COKE					MON	ITH -	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 1 1 2 1 2 0 0	0 1 1 1 1 1 2 0 0	0 1 1 1 1 1 2 1 0	1 1 2 1 2 1 1 0 0	1 1 2 2 1 1 2 1 0 0	1 1 2 1 2 1 1 0	1 2 0 2 1 2 1 0	1 1 1 1 1 1 0	1 2 1 1 1 1 1 1	1 2 1 2 1 1 0 0 2	1 1 2 1 1 1 1 1 2 2	1 1 2 1 1 1 1 1 1 2	2 3 2 1 1 1 1 1 2	2 **** 3 2 **** 1 1 ****	2 1 3 2 2 2 1 1 1 5	1 1 2 3 2 1 1 1 1 3	1 1 2 2 2	1 1 2 2 1 1 1 1 1 1 1	1 1 2 2 1 1 2 1 1	1 1 2 1 1 1 2 1 1 2	1 1 2 1 1 2 1 1	1 1 2 1 3 1 1 1	1 1 2 1 2 1 3 0 1 2	1 1 2 1 2 1 2 0 1	1 1 2 1 1 1 2 1 1
11 12 13 14 15 16 17 18 19	1 1 0 1 2 0 0 3	2 3 1 0 1 1 1 0 3 1	2 3 1 0 1 1 1 0 2 1	2 1 1 0 1 0 1 0 2 1	3 1 1 0 1 1 1 0 2	2 1 0 1 1 1 1 0 2 2	2 1 1 1 1 1 1 1 2 1	2 0 1 1 0 1 0 1 1 2	1 1 1 1 0 1 0 1 1 2	3 1 1 1 1 1 1 1 2 2 2	14 1 1 1 1 2	3 1 1 1 0 1 0 3	3 1 1 0 0 0 1 0 2 2 2	3 1 2 0 1 1 0 2 1 2	3 1 2 1 0 1 - 3 1 2	2 1 1 1 1 0 3 2 2	2 1 1 1 1 2 3 1 2	2 1 1 1 0 1 2 3 2 2	1 1 1 0 1 1 4 1 3	1 1 1 1 0 0 4 3 1 3	1 1 1 1 0 0 2 2 2 1 3	1 1 1 1 0 1 0 2 1 2	1 2 1 1 1 1 0 2 1	2 1 1 1 1 0 2 2 1	2 1 1 1 1 1 1 2 2 2
21 22 23 24 25 26 27 28 29 30	1 1 0 2 2 0 1 2 1 1	1 0 1 2 0 1 2	1 1 0 1 1 0 1 2 1	1 2 1 2 2 0 2 1 1 1	1 3 1 1 1 0 3 1 2	1 4 1 1 0 2 2 2 1	1 3 1 2 1 0 2 2 1 1	1 2 1 2 1 1 2 2 1	1 2 **** 2 1 1 2 3 1 1	1 9 2 1 1 3 2 1 1	1 16 **** 3 1 1 3 2 2 2	2 1 1 2 2	1 10 **** 2 2 1 2 1 1	1 8 0 2 1 1 1 1	1 2 1 2 1 2 1 2 1 2	1 0 1 2 2 2 1 1 1 1 1	1 1 2 2 2 2 2 1 1	1 0 1 2 1 2 1 1 1 1	1 0 1 2 1 2 1 1 2 2 1 1 2	1 0 1 2 1 1 1 1 1 1 1 1	1 0 1 2 1 1 1 1	0 0 1 2 0 1 2 1	1 0 1 2 0 1 2 1 1 1	1 0 2 2 0 1 2 1 1 2	1 3 1 2 1 1 2 2 2
31 MEAN	2 1	2 1	2	2	1	1	1	1	1	1	1 2	1 2	1 2	1	2	1	1	1	1	1	1	5	1	1	1.3

PERCENTAGE OF DATA VALID - 96 4

PERCENTAGE OF DATA INVALID - 3.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - APR 22 23 HOUR 24 MEAN DAY 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 MEAN 1.1

PERCENTAGE OF DATA VALID - 95.4

PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	. с	NO	35003	ı	ELMCR	EST F	ROAD.	ETOBI	COKE					MON'	тн - і	YAN	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1					****		****	****	****	****			1	1	1	1	1	2	3	1	1	1	1	1	*****
ż	1	0	0	0	O	0	0	1	2	1	1	1	****	1	1	0	1	1	1	0	0	0	0	1	1
3	0	0	0	0	O	0	0	0	1	1	1	2		6	4	4	6	6	6	6	2	2	1	1	2
4	0	0	0	0	O	0	1	1	1	1	1		****	1	1	1	1	1	1	1	0	0	0	0	1
5	0	0	0	0	O	0		0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	0	1
6	0	0	0	0	O	0	0	0	1	1	1	1	. 1	2	2	3	3	3	3	3	2	1	1	1	1
7	0	0	0	0	O	0	0	0	1	1	2	2		2	2	2	3	2	2	2	1	1	0	0	1
8	1	1	0	0	O	0	0	. 1	1	1	1	1		_ 1	1	2	1 5	1	1	1	0	0	1	0	1
9	****	****	****	••••		••••	****	****	0	1	1	2			6	2	3	4 2	2	2	1 2	2	2	2	1
10	0	0	0	0	0	٥	0	0	1	1.	2	2	2	2	2	2	3	4	2	2	2	2	-	-	
11	1	1	1	1	19	1	1	0	0	1	1	1	1	• • • •	1	0	1	0	0	1	0	0	0	0	1
12	o	0	o	0	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0	0	0	0
13	1	1	1	1	0	0		0	0	2	2		2		2	2	2	1	1	0	0	0	0	0	1
14	0	0	0	0		0		0		0	0			2	2	2	2	2	2	2	2	1	1	1	1
15	1	1	0	0		0		0		1	1			. 1	2	2	2	3	3	2	2	2	2	2	1
16	2	2	1	1		0		0		0	0	C			1	1	1	1	0	0	1	1	0	0	1
17	٥	0	0	0		0		0	0	0	0	C	·	0	0	0	1	0	2	- 1	1	0	0	0	0
18	0	0	0	0		0		0	1	2	2	****		2	2	3	2	2	2	2	2	2	2	1	
19	1	1	,	1		1		1	1	1	,		0		0	0	ò	ò	ò	0	0			****	ó
20	0	0	0	0	0	0	0	0	0	0	0	C	U	U	U	U	0	U	U	U	U	U			U
21												5	DATA	INVA	LID -										
22	****						****	••••					****	- 2	2	3	3	4	10	4	2	1	1	1	*****
23	1	1	0	0		0		0		2	4			****	4	4	3	3	3	2	2	1	1	1	2
24	1	0	0	0		0		0		0	3		3	4	6	3	2	2	2	1	1	1	1	1	
25 26	0	0	0	0		0		0		0	0	(****	1	1	1	1	1	1	1	1	1	- 1	0	0
26	0	0	0	0		0		0			1	1			1	1		1	1	1	1	1	2	2	1
27	0	0	0	0		0		0		0		***				1	3	2	3	4	2	2	0	ó	
28	1	1	1	1	1	1		1		1	1			2 5	2	2 5	2	2	1 2	1	2	1	1	ő	
29	0	0	0	0		0		0			ó					0	ō	ō	ó	ò	á	ò	ò	ŏ	ò
30	0	0	0	0	3	0	U	U	U	U	U		, ,		J	•		·	•		U	v	·		
31												29	DATA	INVA	LID -										
MEAN	o	0	0	0	0	0	0	0	0	. 1	1	3	1	2	2	2	2	2	2	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 86.3 PERCENTAGE OF DATA INVALID - 13.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLI	LUTAN	T -	SULPH	UR DI	OXIDE								UNITS	- 0.0	C1 PAR	RTS/M	LLLIO	N						
		STAT	TION	- с	NO	35003		ELMCR	EST R	OAD.	ETOBI	OKE					MONT	тн	JUL	76						
HOUR DAY		Ť	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	***	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1	000000000000000000000000000000000000000	0000000100 022121011	0000001100011121120001111	0000000001	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000003331142200211311111111111111111111	0000003314220112	0000032142220122211111	0 0 0 0 0 3 2 1 3 3 3 1 0 1 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0000021132 102220112	0 0 0 0 0 1 1 1 2 2 1 0 1 1 2 0 0 0 1 2	0 0 0 0 0 1 1 0 2 3 1 0 1 1 2 0 0 0 2	1 0 2 1 2 0 0 0 2	000000000000000000000000000000000000000	0 0 0 0 0 0 1 1 1 2 1 1 1 1 2 1 1 0 1 1 1 1
21 22 23 24 25 26 27 28 29 30	•••	0 1 0	0 1 0	 0 1 0	0 1 0	0 1 0	•••• 0 1 0	•••• 0 1 0	•••• 0 1 0	•••• 1 1 0	1 1 1	1 1	:	DATA DATA DATA DATA DATA	I NVAL I NVAL I NVAL I NVAL I NVAL	ID - ID - ID -	1 1 1 2	1 1 0 2	1 1 0 2	1 1 1 2	1 0 1 2	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 1	•••••• 0 1 1
31		0	0	0	o	0	0	0	0	0	0	0	٥	1	1	1	1	1		1	0	0	0	0	٥	0
MEAN		0	0	0	0	0	0	0	0	0	1	1	1	1	1	11	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 74.7 PERCENTAGE OF DATA INVALID - 24.9

PERCENTAGE OF DATA UNAVAILABLE - 0.4

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	. с	NO :	35003		ELMCRE	ST RO	AD.	ETOBIC	OKE					MON	TH - /	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 0 1 0 0 0 0	000010000	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	000010000	0 0 0 1 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0	1 0 0 1 1 0 0 0 0 0 0	1 0 0 1 1 0 0 0 0 0 0	1 1 0 1 2 0 0 0	1 1 1 2 0 0 0 0 1	1 1 **** 1 2 0 0 0 0	1 1 1 1 **** 0 0 0 0	1 1 1 2 1 0 0 0 1	1 1 2 1 1 0 0 0 1	1 1 3 1 0 0 0 1	1 1 3 1 1 0 0 0 2	1 1 1 2 1 1 0 0 0	1 1 2 0 0 0 0 0 1	1 1 1 0 0 0 0 0 0 1	1 0 0 0 0 0 0 1	1 0 1 1 0 0 0 0 0 0 0 0	1 0 0 0 1 0 0 0 0 0 0 0 0	1 0 0 1 1 0 0 0 1
11 12 13 14 15 16 17 18 19	0 1 0 0 0 0 0 0 0 0	0100000000	0 1 0 0 0 0 1 0 0	0 1 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0	0 0 0 0 0 1 0	0 0 0 0 0 0 1 1 1	2 0 0 0 0 1 1 1	3 0 0 0 0 0 1 2 1 ****	3 0 1 0 0 0 1 2 3	**** 0 1 0 0 0 **** 4 17 2	1 0 1 0 0 0 1 20 4	2 1 1 0 0 0 1 32 1 2	2 1 1 0 0 0 1 25 1 2	2 1 0 0 1 0 1 6 1 3	2 1 0 0 1 0 1 2 1 4	2 1 0 0 1 0 1 1 1 3	2 1 0 0 0 0 1 1 1 2	2 1 0 0 0 0 1 1 1 3	2 1 0 0 2 0 1 1 0 2	2 1 0 0 0 0 1 1 0 2	1 1 0 0 0 0 1 4 2
21 22 23 24 25 26 27 28 29 30	2 1 1 0 0 1 1 1 1 0 0	2 1 1 0 0 1 1 1 1 0 0	1 1 0 1 1 1 1 1	1 1 0 0 0 1 1 0	1 0 0 0 1 1 0 0	1 1 0 0 0 1 1 0 0	1 1 0 0 0 1 1 0 0 0	1 1 0 0 0 0 1 0 0	2 1 1 0 0 1 0	3 3 1 1 4 0 0 1 0	3 3 1 1 3 1 0 1	3 1 1 5 3 1 1 0 0	3 1 - 4 3 **** 2 0	3 3 1 1 5 4 **** 2 0	3 1 1 23 9 2 2 0	3 1 1 16 9 2 2 0	3 1 1 5 6 2 2	3 1 1 4 5 2 2 0 0	3 2 1 1 1 3 2 2 0 0	3 2 1 1 2 3 1 0 0	3 2 1 1 1 2 2 1 0	2 1 1 0 0 1 2 1 0 0	1 1 0 0 1 1 1 0 0	1 1 0 0 0 1 1 0 0 1 0 0	2 2 1 0 3 2 1 1 0
31 MEAN	0	0	0	0	0	0	0	1 0	0	1	1	****	1	1	3	2	2	2	2 1	2 1	2 1	2 1	2	2	0.9

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- S	ULPHU	R DIO	XIDE								UNITS	- 0.0	O1 PAI	RTS/M	LLION	N						
	STA	TION -	C	NO 3	5003	Ε	LMCRE	ST RO	AD.	ETOBIC	OKE					MON	тн - :	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1 B	19	20	21	22	23	24 ⁻ M	EAN
1 2 3 4 5 6 7 8 9	2 1 0 3 1 1 0 1 1 0	1 0 0 3 1 1 0 1 1	1 0 0 3 1 0 0 1 0	1 0 0 3 1 0 0 1 0 0	1 0 0 3 1 0 0 1 0 0	1 0 0 3 1 0 0 1	1 0 0 2 1 0 0 1 1 0	1 0 1 2 1 1 1 1 1	0 0 1 2 1 1 2 1 1 0	0 0 2 2 1 1 1 1 1 1 0	0 0 2 2 1 1 1 2 2 0	0 0 2 2 1 1 1 -	0 0 **** 2 1 1 1 ****	0 0 **** 2 1 1 1 3 11 0	0 1 4 2 1 2 1 3 5 0	0 1 3 2 1 2 1 4 3 0	0 2 3 1 1 1 1 4 3	0 8 3 2 1 2 1 3 4 0	0 2 3 2 1 1 2 2 3 0	0 1 4 1 1 1 2 2 2	1 0 3 1 1 1 1 2 2	1 0 3 1 1 1 1 2 1 0	1 0 3 1 2 1 1 1 1 0	1 0 3 1 1 1 1 1 0 0	1 1 2 2 1 1 1 1 2 3 0
11 12 13 14 15 16 17 18 19	0 0 1 3 0 1 0 0 1	0 0 1 3 0 1 0	0002200001	0 0 2 1 0 0 0	0 0 0 2 1 0 0 0 1	0 0 0 1 1 0 0 0 1	0 0 0 1 1 0 0 0 1	0 0 1 1 0 0 1	0 0 1 1 0 0 0 1 1	0 0 1 1 2 0 0 1 1 1	0 1 2 2 2 0 0 1 1 1 1	0 2 1 **** 3 0 1 1 1	0 1 2 1 3 0 0 1 1 1 1	0 1 2 1 1 0 0 1 1	0 1 2 2 1 1 0 1 1	0 1 2 2 1 1 0 1 2	0 1 2 2 2 1 0 1 2	0 1 2 2 2 1 0 1 2 0	0 1 2 2 2 1 0 1 1	0 1 2 3 1 1 0 1	0 1 2 2 1 1 0 1	0 1 2 3 0 1 0 1 1	0 0 2 3 0 0 0 1	0 0 2 3 0 0 0 1 1 0	0 1 1 2 1 0 0 1
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 1 0 0	0 0 0 1 0 0 0 1 0 0	0 0 1 0 0 0 1 0 0	0 0 1 0 0 0 1 1 0	0 0 1 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0	000000000	003000000	0 0 2 0 1 1 0 0 0	0 0 1 0 1 1 0 0 0	0 0 1 0 1 2 1 0 0 1	**** 1 1 1 2 0 0 0 1	**** 0 1 **** 1 1 0 0 1	2 0 1 1 1 1 1 1 1 1 1 1 1	2 0 1 1 1 1 1 2 1	1 1 1 1 1 1 2 1	1 0 2 2 1 1 4 1 1	0 1 0 2 2 1 1 3 1	0 1 1 2 1 1 2 1	0 0 2 1 1 1 1 1 0	0 0 1 1 1 1 0 0	0 0 1 1 1 1 0 0	0 0 0 1 1 1 1 0 0 0 0	0 0 0 1 1 1 0 0 0	0 0 1 1 1 1 1 1 0 0
MEAN	1	•	0	Ω	0	0	0	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	4	1	0.8

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION .	· c	NO.	35003	E	LMCRES	T RO	AD.	ETOBI	COKE					MON1	гн - с	CT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6	0 0 0 0 1 0	0 0 0 0 1 0	0 0 0 0 1 0	1 0 1 0 0	1 0 1 0 0	0 1 0 0 1 0	0 2 1 0 0 1 0	0 3 1 1 1 1 0	1 3 1 2 1 2	1 3 1 1 2 3	2 1 1 4 4	1 2 2 1	1 2 2 1 2 3 0	3 2 1 1 2 4 0	3 1 1 2 2	1 1 2 1 0 0	1 1 2 1 0 0	1 1 1 2 1 0 0	1 1 1 2 1 0	0 0 1 2 1 0 0	0 0 1 1 2 0 0 0	0 1 1 1 0 0	0 0 1 1 0 0 0	0 0 1 0 0 0	1 1 1 1 0 0
8 9 10	0 0 1	0 0 1	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ö
11 12 13 14 15 16 17 18 19 20	0 1 3 1 1 1 0 1 1 1 1	0 1 3 0 1 1 0 1 1 1	0 1 3 0 1 1 0 0 1	0 0 2 0 1 1 0 0 2 1	0 0 2 0 1 1 0 0 2 1	0 0 1 0 1 1 0 0 2 1	0 0 1 0 1 1 0 0 2 1	0 1 1 0 1 1 1 1	1 1 0 1 1 1 1 1	2 2 2 0 1 1 0 1 1	1 3 , 0 1 1 1 1 1	1 5 1 0 1 1 1 1 1	1 6 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 4 1 0 1 1 1 1 1 2	1 4 2 1 1 1 1 1 1	1 5 1 1 1 1 1 1 3	1 1 1 1 1 2	1 4 5 0 1 1 1 1 1 2	2 6 1 0 1 1 1 1	1 5 1 0 1 1 1	1 6 1 0 1 1 1 1	1 5 1 0 1 1 1	1 4 1 0 1 1 1 1 1 1	1 4 1 1 0 1 1 1	1 3 1 0 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 0 0 1 0 0 0	1 0 0 1 0 0 0 1 1	1 0 0 1 0 0 0 1 1	1 1 0 1 0 0 0 0	0 0 0 0 1 1	1 1 0 1 0 0 0 0 1 1	1 0 0 0 0 0 0 1 1	1 0 2 0 0 0 1 1	1 1 0 2 0 0 0 1 1 1 2	1 1 0 0 0 0 0 1 1 1 2	0		0 1 0 0 1 1 2	0 1 0 0 0 1 1 2	1 0 0 1 0 1 1 2	1 0 0 1 0 1 1 3	1 0 0 1 1 1 1 4	1 0 0 1 0 0 1 1 1 5	0 0 0 0 0 1 1 5	1 0 0 0 0 1 0 1 1 4	1 0 0 0 0 0 0 1 1 2	1 0 0 0 0 0 0 1 1 2	1 0 0 0 0 0 0 1 1	1 0 0 0 0 0 0 1 1 1 1	1 0 0 1 0 0 0
31 MEAN	3 1	3	2 1	1	2 1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANI	r - s	SULPHU	R DIO	XIDE								UNITS	- 0.0	O1 PAR	RTS/MI	LLION	ŧ						
	STA	TION -	С	NO 3	5003	E	LMCRE	ST RO	AD, E	товіс	OKE					MONT	TH - N	ΙΟV	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	ΔN
1 2 3 4 5 6 7 8	1 0 0 0 0 0	001321000	1 0 1 2 1 1 1 0 0	1 1 1 1 0 0 0	1 0 1 1 0 0 0 0 0 1	100000000	10000000	1 0 0 0 1 0 0 0 2 1	1 1 1 1 1 0 0 2 1	1 1 2 1 1 0 0 2 1	1 2 1 3 1 1 0 0 2 1	1 3 1 2 1 1 0 0 2 1	12 1 0 0	1 5	1 1 0 0 0 2	1 2 1 1 1 0 0 5 1	1 2 1 1 1 0 0 5 1	1 1 1 1 4 1	1 2 1 0 1 1 1 2 1	1 2 1 0 1 1 1 2 1	1 1 1 0 1 1 0	1 1 0 0 0 1 0 0 1 1	1 1 0 0 1 0 0 1 1	1 1 1 0 1 0 0 1 1 1	1 1 2 1 1 0 0 2
10 11 12 13 14 15 16 17 18	1 0 1 0 0 0 1 1 2 1	1 0 0 0 0 0 1 1 1 0 0	0000001110	1 0 0 0 1 0 0 1 1 1 1	1 0 0 1 0 0 1 1 0 1	1 0 0 1 0 0 1 1 1 0	0 0 0 1 1 0 1 1 0 0	0 0 0 1 0 0 1 1 0 1	0001001	1 0 1 1 0 0 1 1 1 1 1	0 0 1 1 0 1 1 0 1	1 0 1 1 0 0 2 1 0 1	1 0 1 1 1 3 0 0 1	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 3 0 0 1	1 1 1 1 4 1 0 1	1 0 1 1 1 4 1 1 1	1 0 1 0 1 1 4 1	0 0 1 1 3 0 1 1	0 0 1 0 0 1 3 1 1 1	0 0 1 0 0 1 2 1 1 1	0 0 1 0 0 1 2 1 1 1 1	0 0 0 0 1 1 1 1 1 1	0 0 1 0 0 1 1 1 1 1 1 1	0 0 1 1 0 0 0 2 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 0 0 1 1 3 1 1 0	1 0 1 1 3 1 1 0	1 0 1 1 1 4 1 1 1 0	2 0 1 1 0 4 1 1 0	2 0 0 1 0 3 2 1 1 0	2 0 0 1 1 3 3 1 1 0	2 1 0 1 4 3 1 2 0	1 1 0 1 1 2 4 1 2 0	1 1 0 1 2 1 1 0	1 1 0 1 1 1 2 1 1 0	1 0 1 4 1 2 1 0	1 0 0 1 4 1 1 0 0	1 1 0 1 5 1 1 1 0 0	1 1 4	1 3 1 1 1 0 0	1 1 2 1 1 2 1 1	1 1 1 1 1	1 1 2 3 1 2 2 1 1	1 1 1 5 1 1 2 0 1	0 1 1 4 1 1 1 0 1	1 0 1 1 3 1 1 1 0 0	1 0 1 1 3 1 1 0 0	1 1 3 1 1 0 0	0 1 1 3 1 1 0 0	1 1 1 1 2 2 2 1 1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. " · INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	- c	NO	35003		ELMCR	EST R	OAD,	ЕТОВІ	COKE					MON	тн -	DEC	76						
HOUR Day	1-	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	0 1 0 2 2 1 0 0	0 1 0 1 1 1 0 0 3	0 2 0 1 1 1 0 1 3	0 1 1 1 0 1 3	0 1 0 1 1 1 1 0 0 3	0 1 1 1 3 1 0 1 5	0 2 0 1 1 2 2 0 1 5	0 1 1 1 1 1 0 2 6	0 1 1 2 1 1 0 1 4	1 1 2 1 2 0 0 1 2	1 0 1 1 1 2 0 0 1 2	2 0 0 2 1 3 0 0 1 2	3 0 0 1 1 2 0 -	4 0 0 1 1 2 0 ****	3 0 0 1 1 **** 0 2 4 1	3 1 **** 1 1 2 1 0 4 1	4 2 1 1 1 1 0 3 1	4 2 0 0 1 3 1 0 3	2 2 0 0 1 2 1 0 3 1	1 1 0 1 1 2 1 0 3 1	1 0 0 1 1 2 0 0 3 1	2 0 0 2 1 2 0 0 3 1	20021	2 0 1 2 1 1 0 0 2 1	1 1 0 1 1 2 1 0 2 2
11 12 13 14 15 16 17 18 19 20	2 2 2 1 2 0 2 2 2 2 2	2 2 1 1 2 2 1 3	2 2 1 1 1 2 3 1 3	2 1 3 1 2 1 3 1 3	2 2 4 1 1 1 3 1 3	1 2 2 2 1 2 1 3	1 2 3 1 1 2 1 1 2 2	1 2 1 1 2 1 1 2 2	1 2 2 1 1 1 1 2 2	1 2 2 2 1 1 1 2 2	1 2 2 2 1 1 1 2 2	1 2 2 2 1 1 1 1 3 2	2 2 2 **** 1 1 **** 1 3 2	2 1 2 1 1 1 1 1 3 2	3 1 2 1 1 1 1 1 3	2 1 1 1 2 1 1 3 1	1 1 1 2 1 1 3 1	1 1 1 1 2 1 2 3	1 1 1 2 1 3 1 2 3 1	1 1 1 2 1 3 2 3 3	1 1 0 3 1 4 1 3 2	1 0 3 1 3 1 2 2	1 2 0 2 0 2 1 2 2 1	1 2 0 2 0 2 1 2 3 1	1 2 1 2 1 2 1 2 2 2 2
21 22 23 24 25 26 27 28 29 30	0 3 1 1 5 2 0 ****	0 1 1 1 5 2 0 0	0 1 1 1 5 1 0 0	0 1 1 1 4 1 0 0 0 ****	0 1 1 1 4 1 0 0 0 ****	01100331000	0 1 1 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 2 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 2 1 2 0 0 ****	0 1 1 1 2 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 2 1 1 0 0 1 1 1 0 1 1 1 1 1 1 1 1	**** 1 1 2 1 0 0 ****	1 1 2 2 1 0 0 0	1 2 1 1 2 2 0 0 0	1 2 1 1 2 1 0 0 0	0	2 1 1 2 1 0	2 2 1 1 1 0 0 0 *****	3 2 1 2 1 0 0 ****	4 2 1 3 1 0 0	2 2 1 3 2 0 0 ****	1 1 2 7 2 1 0 ****	1 2 4 8 2 1 0 ****	2 1 2 4 2 0 0 5 5	1 1 1 2 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
31	5	4	4	3	3	1	1	1	3	1	1	1	2	3	3	4	2	2	2	3	1	1	1	1	2

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 5.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIDXIDE

UNITS - 0.01 PARTS/MILLION

STATION - C	NO 35003 ELMCREST	ROAD, ETOBICOKE		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.7	5	10
FEB	28	1.3	3	6
MAR	30	1.3	3	16
APR	28	1,1	2	10
MAY	27	0.9	2	10
JUN		DATA UNAV	AILABLE	
JUL	23	0.7	2	4
AUG	31	0.9	4	32
SEP	30	0.8	3	17
ост	31	0.8	3	6
NOV	30	0.9	2	12

1.3

1,1

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

28

317

POLLUTANT - SULPHUR DIOXIDE

DEC

YEAR

UNITS - 0.01 PARTS/MILLION

8

32

STATION .	С	NO	350	03		ELMO	RES	T	ROAD	, E	тові	COK	E						
MONTH	00	то	04	05	то	10	11	TO	14	15	TO	25	26	TO	39	40	&OVER	TOTAL	
JAN		,	694			28			0			0			0		0	722	
FEB			662			6			0			0			0		0	668	
MAR			709			5			2			1			٥		0	717	
APR			679			8			٥			0			0		0	687	
MAY			629			13			0			0			0		0	642	
JUN				DA	TA	UNAV	AIL.	ABL	E										
JUL			556			o			0			0			0		0	556	
AUG			718			8			0			5			1		0	732	
SEP			706			2			1			1			0		c	710	
ост			725			9			0			0			٥		C	734	
NOV			703			5			1			0			0		c	709	
DEC			693			10			0			0			٥		C	703	
YEAR		7	474			94			4			7			1		Ċ	7580	

FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS
FREQUENCY DISTRIBUTION. PERCENT
50 70 90 95 PERCENT OF DATA ARITH 30 98 99 MAX MEAN 10 50 VALID MIN 3.7 4.5 32 1.1 0.0 0.4 0.9 1.9 2.7 0.0 94.0

	ST	ATION	i e i	no No	35005	5	QUEEN	VSWAY	HOSPI	TAL E	TOBIC	CKE				MO	чтн -	JAN	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8	1 0 0 0 **** 1 4	1 0 0 0 0 ***** 1 2 1	1 0 0 **** 1 3	1 1 0 0 **** 2 3	1 0 0 0 0 **** 1 3 1	0 0 0 0 0 1 1 2 1	0 0 0 0 0 0 1 1 1 1 1	0 0 0 0 0 ***** 2 1 1	0 0 0 0 0 0 1 1 1 1	0 0 0 **** **** 6 1	0 0 0 **** **** 5 2	0 0 0 **** **** 4 2 1	0	0 0 0 **** 1 4 1	0 1 0 **** 1 4 1	0 1 0 **** 1 4 2	0 1 0 **** 1 4 1	0 1 0 **** 1 5 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 6 1 0	0 1 0 **** 1 6	0 1 0 **** 1 6 1	0 1 0 **** 1 8 1 2	0 1 0 **** 2 6 1	0 ***** ****	1
9 10	1	1	1	1	2	2	2	3	2	2	2	****	2	1	1	1	1	1	1	1	1	1	1	1 2	1	
11	3	3	1	1	0	0	0	1	1	- 1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	*****	ě
12 13 14 15 16	7 2 0	8 3 0 2	4 2 0 2	4 1 0 2	4 0 1 3	7 0 0 2	9 0 2 1	8 0 0 2	8 0 0 2	9 0 1 2	9 0 1 1 0	****	0	7 0 1 2	5 0 1	5 1 1	6 5 1 0	3 4 1 0	3 1 0 2	1 1 2	3 2 1 3	3 1 2 2	1 1 1	4 2 1 1	****** 5 1 1 2	
18 19 20	0 1 3	2 2	0 2 2	4	5	5 2	5		1 5 1	0 1 8 1	1 7 2	0 1 5 ****	1	1 6 3	1 4 2	1 4 1	t 6	1 5 1	1 4 1	3	1 1 2 1	1 4 2	1 4 2	1 3	1 1 4 2	1
21 22 23 24 25 26 27 28 29 30	1 1 2 1 1 0 0 1 2	1 1 2 1 0 0 1 2 1	1 1 2 1 1 0 0 1 2	1 1 4 1 0 0 1 1		1	1 1 4 1 2 0 1 0 2 1	1 1 4 2 3 0 0 0 1 2	1 1 5 2 3 0 0 1 1 2	2 1 4 2 3 1 0 1 1 2	3 1 4 2 3 1 0 1 1 2	3 1 4 2 3 0 0 1 ****	1 **** 2 3 0 ****	1 1 5 1 2 0 1 1 1		1 4 0 1 0 1 2 1	1 4 0 1	3 1 4 0 1 0 1 2 1	2 1 3 0 1 0 1 2 1 1	0 1 0 1	1 2 3 0 1 0 1 2 1	1 2 2 0 1 0 1 2 1	1 2 2 1 1 0 1 2 1	1 2 2 1 1 0 1 3 1	. 4 1 2 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
31	1	1	1	1	1	1	1	1	3	****	****	***	***	****	****	****	****	****	****	****	****	****	****	****	*****	Ë
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	. 1	1	1	1	1	2	2	1.5	ō

PERCENTAGE OF DATA VALID - 89.8

PERCENTAGE OF DATA INVALID - 10.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - C NO 35005 QUEENSWAY HOSPITAL ETOBICOKE MONTH - FEB 76 HOUR DAY 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DATA INVALID -1 2 3 4 5 6 7 8 9 2 0 2 1 1 5 5 3 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 2 0 1022001 0 13 0 0 0 0000 16 0 00 0 0 0 0 0 1 2 0 001200 0 0 1 0 0 1 0 1 001000 001000 001000 0

PERCENTAGE OF DATA VALID - 89.5

MEAN

PERCENTAGE OF DATA INVALID - 10.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	ST	ATION	- c	NO	35005		QUEEN	SWAY	HOSPI	TAL E	TOBIC	OKE				MON	TH -	MAR	76						
	•						1								15	16	17	18	19	20	21	22	23	24	MEAN
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	10		10	13	20	- 1				
DAY																								-	2
1	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	o	0	1
2	ō	ō	ò	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	!	1		·
3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	0	0	1	1	1	4	i	i i
4	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2		1		1	- :	- 4	- 1	•	1	1
5	0	0	1	1	1	1	1	2	2	1	1	****	- 1	1		- 1	- 4		- 4	- 1	i	•	- 1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	- 1	- 1	4		- 1	- 1	4	i	1	1	1
7	1	1	1	1	1	1	1	1	3	1	3	3	DATA	INVAL	ID .					•	•				
8														INVAL											
9											****		1	1	1	1	0	0	0	0	1	0	0	0	*****
10	****	****		****								-					-	_	_						
2.72		٥	0	0	O	0	0	0	0	****	4	2	1	1	1	1	****	0	0	****	****	****	1	2	1
11		****	٠	1	1	1	1			0	0	ō		0	0	0	0	0	0	0	0	0	****	0	o
13	0	0	ò	ò	Ö	ò	ò	0	0	ŏ	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
14	ŏ	å	Ö	ő	****	ő	ō	ő	ŏ	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0
15	ŏ		ŏ	ő	0	ŏ	000	0	0	0	0	0	****	****	****	***	****	****	****	****	****	****	****	****	*****
16		•	•									· ·	DATA	INVAL	.10 -			-		150		-	_		
17	****	****			****		****	****			***	****	****	0	0	٥	٥	0	0	0	٥	0	0	0	*****
18	0	0	1	0	4	1	1	1	3	6	3	2	1	2	4	4	3	3	3	- 1	3	1	2	2	2 2
19	2	2	2	2	3	3		4	3	2 5	1	1	1	1	1	1	1	1 2	1 2		1	1 3	2	2	3
18 19 20	1	1	1	1	- 7	2	2	3	3	5	4	5	4	4	4	3	3	2	2	3	4	3	2	-	3
												_			_	c	٥	0	0	0	0	0	4	- 1	1
21	1	1	1	1	1	1		1	1	1	1	1	1 18	1 1 B	14	7	2	- 1	0			****	ò		5
22	1	1	1	1	1	2		4	4	3		7	'8		****	,	1	4	1	1	1	1	ĩ	2	ī
23	0			0	0	0 3	1	1	1	3					1	,	4	3	2	2	2	3	2	2	2
24	1		1	1	2	3	1	1	1	1			- 7	i	•	1	1	1	1	1	1	1	1	1	1
24 25 26 27 28	1		,	0		1	171	ò					1	1	i	1	1	1	1	1	2	1	1	1	1
26	0		٠		2	2	570	2		1	1	ž	3	1	1	1	1	1	1	0	0	0	0	0	1
27	ò				1	1	- 7	ī	1	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	1.
29		U											DATA	INVA	LID -										
30		****		****			****	****				****	****	****			****	0	0	0	٥	0	0	٥	*****
30																	1016	-	2			_	1		
31	0	0	0	0	G	0	0	0	0	0	0	0		0		****	****	0	0		0	3		0	0
	-									tal tal	i a				_				1		1	1	1	1	1.1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1		1	1			1	3.0		

PERCENTAGE OF DATA VALID - 76.2

PERCENTAGE OF DATA INVALID - 23.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- * INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE QUEENSWAY HOSPITAL ETOBICOKE MONTH - APR STATION - C NO 35005 24 MEAN HOUR DAY ...0 0 0 0 2 1 Ó Q 0.9

PERCENTAGE OF DATA VALID - 97.2

MEAN

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- * INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	ION	- ¢	NO 3	35005	C	UEENSW	AY H	OSPIT	AL ET	OB1CC	KE				MON'	rH - N	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 2 3 0 1 2 1 1	1 2 1 0 1 2 1 1 1	2 1 0 1 2 1 1	2 1 1 0 1 1 1 1 1 1	2 0 1 0 2 1 1 1 1 1	2 1 1 0 1 1 1 1 1 1 1 1	2 1 1 0 1 2 0 1 2 2	2 1 1 1 1 2 1 1 2 2 2	2 1 1 1 1 0 1 1 3	2 3 1 1 1 0 1 2 4	1 1 0 2 0 0 1 2 3	2 1 0 0 1 0 0 1 1 2	1 0 0 1 1 0 1 2 2	1 1 0 1 1 1 0 1 2 3	2 1 1 **** 2 0 0 1 2 4	2 1 1 1 2 0 0 1 2 2	2 1 1 2 0 0 1 2 2	1 1 1 2 0 0 1 2 2	1 1 0 1 2 0 0 1 2 2	1 1 0 1 2 0 0 1 2 3	1 2 0 0 2 0 0 1 1 2	1 3 0 0 2 0 0 1 1 3	2 3 0 2 2 1 0 1 1 5	1 1 0 1 2 0 0 1 1 4	2 1 1 2 1 0 1 2 2
11 12 13 14 15 16 17 18 19	3 1 0 1 0 1 0 0 1 0	2 1 0 1 0 1 0 0 0	2 0 0 1 0 1 0 1 0 0	1 0 1 1 0 2 0 0 0	1 0 1 1 0 2 0 0 0	1 0 0 1 0 2 0 0 0	1 0 1 1 0 2 1 0 0 0	1 0 0 2 0 1 1 0 1 0	2 0 1 3 1 1 0 1 0	4 1 1 3 * 2 1 1 0 1 0	5 1 1 1 1 1 1 0	6 2 1 3 1 1 1 0 1	2 3 1 1 1 1 1 0 1	2 1 1 1 1 0 1 1 1	1 1 1 1 1 2 0 0 1	1 1 1 1 1 2 1 0 1	1 1 1 1 1 1 1 0 1	1 0 1 1 1 1 0 0 1	2 0 1 1 1 0 1 1 0 1	1 0 1 1 2 0 1 1 0 1	1 0 1 0 2 0 0 1 0 1	1 0 1 0 2 1 0 0 0 0	1 1 0 0 0 0	1 0 1 1 1 0 0 0	2 1 1 1 1 1 1 0 0
21 22 23 24 25 26 27 28 29 30	0 0 1 1 0 0 0	0 0 1 1 0 0 1	0 0 1 0 0 0 1	0 0 1 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0 0	0 1 1 0 0 0 1 1 0	0 1 1 0 0 1 1 1 1	0 1 0 0 1 1 1 1 1	1 0 0	1 0 0 1	1 3 0 0 1 1 2 2 1	1 2 0 1 0 1 4 **** 2 1	1 0 0 0 1 2 2 2 2 1	1 0 0 0 1 2 1 2 2 1	1 2 1 0 0 1 2 2 2	1 2 1 1 2 2 1 2 1	1 1 1 2 2 2 1	1 1 1 1 1 2 2 1 0	1 1 1 1 0 1 2 1 1	1 0 1 1 1 1 0	0 0 1 1 0 1 1 1 0	0 0 1 1 0 1 2 1 1 0	0 1 1 0 0 0 1 1 1 0	0 1 1 0 0 0 1 1 1 0 0	0 1 1 0 1 1 1 1 1 1 1
31	0	0	0	0	0	0	0	0	0	0	١	1	1	1	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- * INDICATES DATA IS UNAVAILABLE
- 3. "****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- s	ULPHU	R DIO	XIDE							ı	INITS	- 0.0	1 PAR	RTS/M)	LLION	4						
	STA	TION -	C	NO 3	5005	(UEENS	WAY F	(OSPIT	TAL ET	OBIC	OKE				MONT	н - ,	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9 10	0 1 1 0 1 1 2 1 2	0 1 1 0 2 1 1 1 1	0 0 0 0 1 1 1 2 0 1	0 0 0 0 1 1 1 1 0 1	0 0 0 0 1 2 2 1 1	0 0 0 0 1 1 2 0 0 1	0 0 0 1 1 1 1 1 1 2	0 1 0 1 1 1 1 1 1 1	0 1 1 1 1 1 1 2	0 0 2 1 1 1 2 1 2 2	0 0 4 1 1 1 2 2 3 3	0 0 6 - 1 2 3 4 3 2	0 0 4 2 3 1 1 1 4 3	0 0 6 1 1 2 2 2 4 2	0 0 3 1 1 1 1 1 4 3	0 0 2 2 1 2 2 1 6 2	0 0 1 1 2 2 1 1 4 3	2011122232	1 0 1 1 1 3 1 2 3 3	0 0 2 1 1 2 2 2 3 3	1 0 2 1 1 2 1 1 3	1 0 2 1 2 1 1 2 1 2	1 0 0 1 1 2 1 1 3 4	1 0 0 1 2 1 1 2 3 3 3	0 0 2 1 1 1 1 1 2 2 2 2
11 12 13 14 15 16 17 18 19 20	2 0 3 5 0 1	2 0 2 1 1 3 0 0 1 1	2 2 1 1 1 2 0 0 1 1	2 0 2 2 1 1 0 0 1 1	3 1 2 1 0 0 0	2 0 0 2 1 0 0 0 0 1	2 1 1 1 2 0 0 0 1	2 1 2 1 0 0 1 0 1	2 0 1 2 2 0 0 1 0 1	1 0 2 3 1 0 0 1 0 1	1 0 1 7 2 0 1 0 1	2 1 1 5 1 **** 0 1 0 1	4 0 1 4 2 1 1 1 1 1	2 1 2 5 5 1 2 2 4 1	2 0 2 5 1 2 1 4 1	1 1 2 1 1 0 1 1 2 1	1 1 2 3 1 0 1 1 1 1 1	1 2 2 2 5 0 1 1 1 3	1 0 1 2 5 0 2 1 1 1	3 1 2 2 3 0 4 1 1	2 0 2 2 3 0 2 1 1 1	1 1 2 3 0 1 1 1	2 0 1 2 5 0 1 1 1 1	1 2 5 2 3 0 1 1	2 1 2 3 2 1 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 1 3 0 1 0 2 1 1	0 0 1 2 0 1 0 2 0 1	0012000101	0 0 1 1 0 0 1 1	000000101	0 0 0 1 0 0 1	0 0 1 1 0 0 0 1 1 1	0 0 2 1 0 1 0 1 1 1	1 1 0 1 1 1 1 1	0 2 4 2 1 1 1 1	0 2 4 3 1 1 0 1 1 **** 1	0 2 5 2 1 1 2 2 3 0	0 2 4 2 1 1 6 5 0	0 2 4 3 1 1 2 2 3 0	0 2 4 5 1 1 2 2 2 0	0 2 3 4 0 2 2 6 3 0	0332012420	0 2 3 4 0 1 2 1 2	0 2 3 3 0 1 2 0 2 1	0 2 2 1 0 1 3 0 3 1	0 1 2 1 0 1 2 0 2 1	0 1 1 0 1 2 0 2 1	0 1 1 0 1 2 0 1 1	0 1 2 0 1 0 2 0 1	0 1 2 2 0 1 1 1 2 2
MEAN	1	1	1	1	1	0	i.	1	1	1	1	2	2	2	2	2	1	2	1	2	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAT	ION -	. с	NO 3	5005	Q	UEENS	WAY H	OSPIT	AL ET	08100	OKE				MON	TH -	JUL	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 1 1 0 0 1 0 0 0 2	0 1 0 0 0 0 0 0 0 0	0 1 1 0 0 1 0 0	0 1 1 0 0 0 0 0 0 1	0200000001	0110000000	0 1 1 0 0 0 1 0 1 0	0 1 1 0 0 1 0	1 1 1 0 0 2 1 1 1	1 0 0 2 4 2 1 1 1	1 0 0 1 5 2 1 1 1	1 1 0 0 1 3 4 2 1	2 1 0 0 1 4 5	2 1 0 4 1 7	1 0 0 5 1 10 1	1 0 0 6 2 5 1	1 0 1 4 2 6 1	1 0 3 8 2 1 1	2 1 0 2 9 2 0 1	2 0 0 1 4 1 0 1 2	2001310122	3 0 0 1 2 1 1 0 2 3	4 0 0 0 1 0 1 0 3	1 0 0 1 0 0 0 3 2	1 1 0 0 2 1 2 1 1
11 12 13 14 15 16 17 18 19	1 0 0 0 0 0 2	000000000	000000000	0 0 0 0 0 0 1 2	00000000	00000000	000000012	0 1 1 0 0 0 0 0 1 2	0 2 0 0 0 3 0 0 1 2	0 2 0 0 0 1 0 0 2 2	1 0 1 0 0 1 0 0 3 2	1 0 1 0 0 3 2	1 0 1 0 1 6 2	1 0 1 0 2 1 0 0 4 2	1 1 0 2 1 0 0 3	1 1 0 2 1 0 0 2 2	1 1 2 0 1 1 0 0 2 2	1 1 0 2 1 0 1 2 2	1 1 0 2 0 0 1 2 2	1 1 0 2 0 0 0 0 3 2	1 2 1 0 2 0 0 0 3 2	0 2 1 0 1 0 0 0 3 1	0 2 0 1 0 0 0 3	0220100031	1 1 0 1 1 0 0 0 2 2
21 22 23 24 25 26 27 28 29 30	0 0 0 1 1 0 2 0 0 0	0 0 0 1 1 0 2 0 0 0	0 0 0 1 1 0 2 0 0 0	0 0 1 1 0 2 0	0 0 0 2 1 0 0 0 0	0002102000	0002102000	0 0 1 2 1 0 0 0	0 0 1 2 2 3 1 0	1 0 1 2 2 4 1 0 0 1	1 0 1 2 1 0 0 1	0 1 2 2 5 1 0 0	223	0 0 1 1 2 2 1 0 0 3	0 1 3 1 2 2 0 0 0 0 2	0	0 1 2 2 2 2 2 1 0 0	0	0 0 2 1 2 3 0 0	0 2 1 1 4 0 0	0 0 2 1 1 4 0 0 0 1	0 0 2 1 2 4 0 0 0 1	0 0 1 1 3 0 0 1	0 0 1 1 3 0 0 0 1	0 0 1 1 2 1 0 0 1
31	0	0	0	0	o b	0	0	0	0	0	0	0	0	0		0	0		0		0	0	0	0	0.9

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	LUTANT	- S	ULPHU	R DIO	KIDE)	UNITS	- 0.	O1 PAI	RTS/M	ILLIO	N						
	STA	TION -	С	NO 3	5005	QL	JEENSW	ДУ Н	OSPIT	AL ET	овісс)KE				MON	гн -	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6 7 8 9	0001210000	0 0 0 1 2 1 0 0	0 0 0 1 2 1 0 0 0 0	0 0 0 1 2 1 0 0 0 0	0 0 0 1 2 1 0 0 0 0	0 0 0 1 2 1 0 0 0 0	0 0 0 1 2 1 0 0 0 0	0 0 0 1 2 1 0 0 0 0	0 0 0 1 2 1 0 0 0 0	0 0 0 1 2 1 0 0 0 0	0 0 2 3 3 1 0 0 0 1	0 0 3 3 2 1 0 0	0043310002	0 0 3	0 1 2 2 4 1 0 0 0 2	0 1 1 2 3 1 0 0 0 2	0012210002	0015210002	1 0 1 4 2 1 0 0 0 2	1 0 1 3 2 1 0 0 0 2	1 0 1 3 2 1 0 0 0 3	1 0 1 3 2 0 0 0 0 0 2	1013200002	1 0 1 3 1 0 0 0	0 0 1 2 2 1 0 0 0 1
11 12 13 14 15 16 17 18 19	2 2 0 1 1 1 1 1 1 1 1 1	1 2 0 1 1 1 1 1	1 3 0 1 1 1 1 1 1 1 1	1 2 0 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 0 1 1 1 1 1 2	2 2 1 1 1 1 2 1 1 2 2	2 3 1 1 1 1 3 1 1 2	3 1 1 1 1 1 3 3	5 2 1 1 1 1 2 1 2 1 2	3 2 1 1 1 1 3 2 2 4	2 0 1 1 1 3 1 2 5	2 1 1 4 1 2 4	4 2 2 1 1 2 1 2 5	6 1 2 2 1 1 1 2 5	912221225	10 1 2 2 1 1 2 4	4 1 1 2 2 1 2 5	7 1 1 1 1 1 1 2 4	5 1 2 1 1 1 1 2 3	B 1 1 1 1 1 1 2	6 1 1 1 1 1 2 1 2	6 1 1 1 1 1 1 1 2	1 1 2 1 2 3
21 22 23 24 25 26 27 28 29 30	3 2 3 1 1 1 4 2 1 0	3221122210	3 2 2 1 1 2 2 2 1 0	2 2 1 1 2 1 3 1 0	2 2 1 1 1 2 5 1 0	2 2 1 1 1 6 1 0	2 3 2 1 1 1 1 4 2 0	3 4 2 1 2 2 1 2 1 0	4 4 2 1 3 2 3 4 0	4 5 2 1 8 1 3 2 0 1	4 5 2 1 8 6 2	4 4 2 1 4 3 6 8 0 0	4 4 2 1 5 13 3 6 0	5 4 2 1 5 7 3 6 0	4 4 2 1 9 5 6 9 0	5 4 2 1 6 6 8 4 0 1	6 4 2 1 3 4 5 2 0 0	5 4 2 1 2 3 3 2 0 0	5 4 2 1 2 3 3 2 0 0	4 4 1 1 1 3 3 1 0 0	5 3 1 1 1 4 2 1 0	3 1 1 1 3 2 1 0 0	2 3 1 1 3 2 1 0 0	2 2 1 1 4 2 1 0 0	4 3 2 1 3 3 3 3 3 0 0
31 Mean	0	0	0	0	0	0	0	0	0	6 2	3 2	2	2	2	••••	4 2	6 2	7	6 2	2	2	1	1	3 1	1.6

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- -- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- c	NO 3	5005	- (QUEENS	WAY H	OSPI	TAL E	товіс	OKE				MON	TH - 9	SEP	76						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 0 0 5 1 0 0 1 1 1	1 0 0 4 1 0 0	1 0 0 5 1 0 0 1 1	1 0 0 4 1 0 0 1 1 1	1 0 0 4 1 0 0 1 1 1 1	1 0 0 4 1 0 0	0 0 0 3 1 0 0 1 1 1	0 0 1 3 1 1 1 1 2	0 0 1 3 1 1 2 1 2 1	0 0 1 3 1 0 2 1 3 1	0 0 **** 3 1 0 1 2 3 1	0 0 **** 3 1 0 1 3 4	0 0 4 3 1 1 1 2 4 1	0 6 3 1 1 1 3 4	0 0 5 2 1 1 1 ****	0 9 2 1 2 2 4 5 1	0 0 11 2 1 1 2 4 4	0 0 9 2 1 1 2 3 4 1	0 0 8 2 1 1 2 2 2	009200221	0051002232	0 0 7 1 0 0 2 3 3 2	0 6 1 0 0 1 2 2	0 0 4 1 0 0 1 2 1	0 0 4 3 1 0 1 2 2 1
11 12 13 14 15 16 17 18 19	1 0 1 2 5 1 2 1 1	1 0 1 2 3 2 2 1 1 2	1 0 0 3 2 2 2 1 1 2	1 0 0 2 2 2 2 1 1 2	200222211	2 0 0 2 2 1 2 1 1 1	2002221111	2032221121	1 0 3 2 2 2 1 1 2 1	1 0 3 2 2 2 1 1 1 2	1 2 3 2 3 2 1 2 1	1 4 3 4 3 2 1 2 2 1	1 3 3 3 3 2 ****	-	1 1 **** 2 2 1 2 2 1	1 2 3 3 3 2 1 2 2 1	1 2 2 2 2 2 1 2 2 2	1 2 2 2 3 2 1 2 2 2	1 2 3 3 3 2 1 2 2 2	0 1 2 3 3 2 1 2 2 2	0 1 2 2 2 2 1 2 2 2	0 1 2 3 2 2 1 2 2 2	0 1 3 2 1 2 1 1 3 2	0 1 2 3 1 2 1 1 3 3	1 1 2 2 2 1 2 2 2 2
21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 2 0	1 1 1 1 1 1 2 0 0	1 0 1 1 1 1 1 2 0	1 1 1 1 0 0	1 0 1 1 1 1 1 0 0	1 1 1 1 0 0	1 0 1 1 1 1 1 1 1 0 0	1 3 1 2 1 1 1 0	1 3 1 3 1 1 1	1 1 2 **** 2 1 1 1 1 1	1 1 2 1 3 1 1 0 0	2 1 2 1 2 1 1 0 0	3 1 1 1 2 1 1 0 0	7 1 1 2 1 3 0	1 1 1 2 1 1 2 0	1 1 1 2 2 1 1 1 0	1 1 1 1 2 1 1 1 0	1 1 1 1 2 1 1 1 0	1 1 1 2 1 1 1 0 0	1 1 1 2 2 1 1 1 0 0	1 1 2 2 2 1 1 1 0 0	1 1 1 2 1 1 1 1 0 0	1 1 1 1 1 2 0 0 0 0	1 1 1 1 1 2 0 0 0	1 1 1 1 2 1 1 1 0
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	2	2	"1	2	2	2	2	2	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PC	LLUTA	NT -	SULP	HUR D	OXID	E							UNITS	- 0.	01 PA	RTS/M	ILLIC	N						
	ST	OITAT		C NO	3500	5	QUEEN	SWAY	HOSPI	TAL E	TOBIC	OKE				MON	тн -	ост	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	0	0	0		0	0	0	0	0	2	1 2 ****	1 2 ****	1 2	11	3	1	1	1	1	1	1	1	0	0	1
4 5 6 7 8 9	**** 2 1 1 0 1	****	**** 2 1 0 0	1 1 0 1	1 0 0 1	**** 2 1 1 0 1	**** 2 1 0 0	**** 2 1 1 0 1	****	2 1 1 0 0	3 2 1 0	3 4 1 **** 0 1	3 1 0 0	3 2 1 0 0	3 2 1 0 0	2 1 0 0 2	2 2 1 0 0 1	2 2 1 0 0 1	1 2 1 0 0	2 1 1 0 0	2 1 1 0 0	2 1 1 0 0	2 1 1 0 0	2 1 1 0 1 0	****** 2 1 0 0 1
11 12 13 14 15 16 17 18 19 20	0 1 3 0 1 0 0 0 1 1	0 2 3 0 0 0 0 1 1	0 1 2 0 0 0 0 0	0 2 0 1 0 0	0 1 0 1 0 1	0 1 0 1 0	1 0 1 0 0	0 2 1 0 1 0 0 1 2	1 2 1 0 1 0 0 1 2 1	2 2 2 0 1 0 0 1 2 2	2 2 1 0 0 1 0 0 1 1 ***** 1	1 2 ***** 0 1 0 1 1 1 2	1 2 0 0 1 0 1 1 1 2	1 3 1 0 1 1 1 1 1 1	1 2 1 0 1 0 1 1 1 1 2	1 3 1 0 1 0 1 1 1 2	1 3 1 0 1 0 1 1 1 2	1 2 1 0 0 0 1 1 1 1 1	2 2 0 0 1 0 1 1 1 1 1	1 0 0 1 0 1 1 1 1	1 2 0 0 1 1 1 1 0	1 5 0 0 1 0 1 1 1	1 6 0 0 0 1 1 1	1 4 0 1 0 0 1 1 1 0	1 2 1 0 1 0 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 0 2 0 0 0 1	0	000000000000000000000000000000000000000	0 0 1 0 0 0	0 1 1 0 0 0	1 1 0 0	1 0 0	1 0 1 1 0 0 0 0 1		1 0 1 0 1 0 1	1 0 1 0 - 0 1 2	1 0 0 0 1 0 0 0 1 2 -	1 0 0 1 0 1 0 1 2 DATA	1 0 1 1 0 1 0 1 3 I NVAL	1 0 0 0 0 1 0 1 3	1 0 0 0 0 1 0 1 3	1 0 0 0 0 1 0 1 2	1 0 0 0 0 0 0 0	1 0 0 0 0 0 0 1 1	1 0 0 0 0 0 0 1 1	1 0 0 0 0 0 0 0 1	1 0 0 0 0 0 1 0 1	0 1 1 0 0 1 0 1 1	0 1 2 0 0 0 0 1 1 1	1 0 0 1 0 0 0 1 2
31														INVAL						100					
MEAN	1	1	C	1	-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 84.7 PERCENTAGE OF DATA INVALID - 14.9

PERCENTAGE OF DATA UNAVAILABLE - 0.4

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

OLLUTANT	SULPHUR DIOXIDE	UNITS - 0.0	PARTS/MILLIO

	ST	ATION	- (NO.	35005	5	QUEEN	SWAY	HOSPI	TAL E	TOBIC	OKE				MON	тн -	NOV	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	1 2 1 1 0	1 3 2 1 0	1 3 1 1 1	1 2 1 1 1 0	1 1 1 1 0 0	1 1 0 0 0 0	1 1 0 0 0 0	1 1 1 0 0	0	2 3 1 1 0	1 2 1 0 0		4 1 2 1 1 1	INVALI 3 1 1 1 0 0	D - 3 1 1 1 1	1 1 1 0 0	2 1 2 1 2 1 0 3	1 1 2 1 1 1 1 3	1 1 1 1 0 0 0	1 1 0 1 0 1 1	1 1 1 1 0 0	1 1 1 0 0 2	1 1 1 0 0 2	1 1 1 0 0 0	1 2 1 1 0 0
10	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	i	1	1	4	1	0	o	1	ò	i
11 12 13 14 15	1	1	0	0	0	0	0	0	0	0	0		DATA	1 O INVALI INVALI INVALI	D -	1	••••	****	!	! .	!	!	!	••••	!
16 17 18 19 20	4 1 2 0	1 1 2 0	2 1 1 0	1 1 1 0	200	0		1 1 0		2 1 1 1	2 1 0	2 0	1	1 4 1 1	1 7 1 1	1 7 1 1	1 6 1 1	1 3 1 0	1 3 1 0	1 3 1 0	2 1 0 1	2 2 1 0	2 1 1	2 1 2 1 0	i
21 22 23 24 25 26 27 28 29 30	0 1 0 1 1 3 1 2 1 1	1 0 0 1 1 3 2 1 1	1 0 0 1 1 3 3 3 1	1 0 0 1 1 3 4 1 1	0	0 0 1 1 4	0 0 1 1 5 2 1 1	1 0 0 1 1 3 2 1	o	1 0 0 1 2 1 2 1 1 0	1 0 0 1 5 2 2 1 1	1 0 0 0 1 1 1 1 1 1 0 0	1 4 1 1 1 1	1 0 0 1 2 1 1 1	1 0 0 1 3 1 1 1 0 2	1 0 0 1 3 1 1 1 0 1	000161211	0 0 0 1 3 1 2 1 1 1 1	0 0 1 1 7 1 2 1 1 1	1 0 1 2 3 1 2 1 1 1	0 0 6 3 1 2 1	1 0 0 3 3 1 2 1 1 2	1 0 1 2 3 1 2 1 1 3	1 0 1 2 3 1 2 1 1 1 3	0 1 3 2
					- 2	- 00		- 2																	9.19

PERCENTAGE OF DATA VALID - 81.4 PERCENTAGE OF DATA INVALID - 18.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	UTANT	- s	ULPHU	R DIO	XIDE								UNITS	- 0.	01 PA	RTS/M	LLION	N						
	STAT	ION -	С	NO 3	5005	Q	JEENS	WAY H	OSPI	TAL E	товіс	OKE				MON	тн - (DEC	76						
HOUR	1	2	3	4	5	6	7	В	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 MI	EAN
1 2 3 4 5 6 7 8 9	232212002	2 4 1 1 1 1 0 0 3	2 3 2 1 1 1 0 0 0 3	1 3 2 1 1 1 2 0 0 3	2 4 1 1 1 2 1 0 1 4	2 3 1 1 4 1 0 1 8	2 4 2 1 1 1 2 0 2 7	2 3 2 2 1 1 2 0 2 10	3 2 2 1 2 1 0 2 5	2 2 4 2 1 2 1 0 2 2	2 2 2 1 2 1 2 1	5 1 2 2 1 1 2 1	2 2 3 2 1 2 3 2	7 2 1 1 1 2 1 9 3 2	7 1 1 2 2 2 2 1	1 1 2 2 1 1 2 1	1 1 2 2 1 2 1	4 0 1 1 5 2 1 2	3 0 1 1 1 3 2 1 1	3 4 0 2 2 3 1 1 2 1	2 2 0 3 2 4 1 2 2 1	3 1 1 3 2 3 0 2 2 2 2	3 1 2 2 1 3 0 2 2 1	3 1 3 2 1 1 0 1 2 1	3 2 2 2 1 2 1 1 2 3
11 12 13 14 15 16 17 18 19	1 1 1 1 2 3 1 1 2 2	0 2 1 2 1 2 3 1 1 1 1	0 2 0 4 2 2 2 2 0 1	1 1 5 1 2 3 0 2	1 2 0 4 1 1 2 2 0 1	1 1 0 4 1 2 2 1 0 1	1 1 0 3 1 2 2 0 2 1	1 1 2 1 2 1 0 4 1	1 1 2 1 0 2 1	1 2 2 3 1 1 2 0 2 1	1 2 3 1 1 3 0 2 1	1 1 1 0 2 1	1 1 1 2	2 1 1 1 2 1 0 2 1	1 1 1 2 1 0	1 1 2 2 0 0 2 1	1 1 2 0 0 2 1	0 1 0 0 1 2 0 0 2 1	0 1 1 0 1 3 1 1 2 1	1 1 0 1 3 2 2 1 1	1 1 1 4 0 2 2 1	1 1 1 1 4 0 1 3 1	1 0 1 1 3 0 1 2 1	1 1 1 1 3 0 1 2 1	1 2 1 2 1 1 2 1
21 22 23 24 25 26 27 28 29 30	1 0 1 0 5 1 1 1 2	1 0 1 0 5 1 1 1 2 1	1 1 0 5 0 1 1 2	1 1 1 0 4 0 1 1 2	1 1 0 4 0 1 1 2 1	1 1 0 3 1 1 1 1 2	1 1 1 2 1 1 1 2 2	1 1 1 0 2 1 1 1 1 2	1 1 2 1 1 1 2 2 2	1 1 2 1 1 1 3 2	1 1 1 2 1 1 1 3 -	1 1 1 2 1 1 1 1 2	1 2 2 1 1 1 1 1 1	1 2 1 1 1 1 1 1 1	201121111111111111111111111111111111111	1 2 0 1 2 1 1 1 1 1 1 1	0 2 0 1 2 1 1 1 1 1 1	0 2 2 2 0 1 1 1 1	1 2 0 2 1 0 0 1 1 2	0 2 0 3 1 0 0 1 1	1 0 2 1 0 1 1 1 1	0 2 0 5 2 0 1 1 1 1	0 2 0 7 2 0 2 1 1	0 2 0 4 1 0 1 2 1 2	222111111111111111111111111111111111111
31	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	0	0	0	0	0	1	1
MEAN	1	11	1	1	1	2	2	2	2	2	2	1	1	2	2	1	7	1	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	He about queenough	HOSPITAL ETOBICOKE		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	1.5	5	9
FEB	26	1.2	4	16
MAR	23	1.1	5	18
APR	29	0.9	2	23
MAY	31	0.9	2	6
JUN	30	1.2	3	7
JUL	30	0,9	3	10
AUG	31	1.6	4	13
SEP	30	1.4	4	11
ост	26	8.0	2	11
NOV	23	1.1	3	7
DEC	31	1.4	3	10
YEAR	336	1.2	5	23

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SU	LPHUR D	CXOIC	DE
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UNITS - 0.01 PARTS/MILLION

STATION -	С	NO	350	05		QUE	ENS	VΑY	HOS	ΡI	TAL	E	тов	I CO)	ΚE						
MONTH	00	ТО	04	05	то	10	11	ΤŌ	14	1	5 T	0	25	26	то	39	40	&OVE	?	TOTAL	
JAN			628			40			О				0			0		()	668	
FEB			602			19			1				1			0		()	623	
MAR			558			6			1				2			0		()	567	
APR			694			5			0				1			0		()	700	
MAY			735			3			0				0			0		()	738	
JUN			698			18			0				0			0		()	716	
JUL			714			17			0				0			0		()	731	
AUG			683			47			1				0			0		()	731	
SEP			697			14			1				0			0		()	712	
OCT			627			2			1				0			0		()	630	
NOV			574			12			0				0			0		(0	586	
DEC			712			17			0				0			0		(0	729	
YEAR		7	922		1	200			5				4			0			3	8131	

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
92.6	0	0.0	0.0	0.4	0.9	2.0	3.0	4.5	5.7	23	1.2

	ST	ATION	- c	NO	35033	3,	EVANS	/ARNO	LD AVE	. ET	овісо	ΚE				MON	тн -	JAN	76							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	1 2 2 2 1 4 1 1 3	1 2 2 4 1 3 0 1 3	1 2 1 5 1 5 0	1 1 1 5 2 4 0	5 2 3 0	1 0 0 4 2 3 0	5 2 2 0	0 0 0 2 5 5 1 0 3	0 0 0 2 5 5 2 0	0 0 0 2 4 8 1 0	3 5 1 0	0 0 1 5 7 0 5	0 0 1 3 9 0 2	0 1 2 7 0 0	0 1 1 1 10 0 1 6 2	0 1 8 9 1 0 3	0 1 1 1 5 1 1 2 2	0 1 2 7 1 1 2 2	0 1 1 2 10 1 1 1 2 2	0 1 2 11 1 3 2	0 0 1 1 11 1 1 3 3	1 1 1 1 10 0 2 3 3	1 2 1 1 1 1 0 2 3 4	2 2 1 1 6 1 2 2 5	0 1 3 6 2 1	
11 12 13 14 15 16 17 18 19	7 3 8 3 1 2 3 2 2 4	3 5 4 1 2 2 2 5 2	3 2 6 3 1 3 2 2 5 2	3 2 8 2 1 3 3 2 6 2	2 3 1 2 3 2 7	2 2 11 2 1 2 3 2 8 2	2 2 13 1 1 3 2 7	2 2 13 1 1 3 2 6 1	3 13 2 1 6 2 2 11	3 1 13 1 1 4 2 2 12	4 2 9 1 1 4 2 2 10	3 8 2 1 3 2 2 5 2	3 7 2 1 1 2 2 4 2	3 3 1 2 1 4	3 4 5 1 2 2 1 3	2 3 4 1 1 2 2 1 3 1	2 4 5 1 1 2 2 1 6 0	2 1 2 2 1 9 0	2 5 2 2 2 2 3 2 1 5 0	2 8 2 2 3 3 2 1 3 0	252422140	2 5 2 2 2 2 1 4 0	2 1 2 2 2 2 2 4	2 9 2 1 2 2 2 2 2 3 0	3 7 2 1 3 2 2 6	
21 22 23 24 25 26 27 28 29 30	1 1 2 0 1 0 0	1 1 3 0 2 0 0	1 1 4 0 1 0 0 0 0	1 1 5 0 1 0 0	1 4 0 2 0	1 1 5 1 2 0 0 0	1 1 6 1 2 0 0 0 0	1 6 1 2 0 0	1 0 5 1 3 3 0 0	1 1 4 1 3	2 1 4 1 2 0 0 0 0	2 1 5 1 1 1 0 0 0	1 6 0 1 0 0 DATA	1 1 8 0 1 0 0	0 0 0	3 0 1 0 0 0 0 0 0	3 1 2 0 1 0 0	1 0 0	0 0	1 2 0 1 0	000000000000000000000000000000000000000	2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000	0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
31	0	0	0	0	0	0	0	0	0	- 3								0	0		0	0	0	2		

PERCENTAGE OF DATA VALID - 85.9 PERCENTAGE OF DATA INVALID - 13.4

PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - FEB 76 EVANS/ARNOLD AVE. ETOBICOKE STATION - C NO 35033 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN HOUR DAY 0 1 1 1 0 0 0 0 0 0 0 0 6 2 10 6 11 12 13 14 15 16 17 18 19 0 0 0 0 0 0 0 0 0 0 0 0 0 21 22 23 24 25 26 0 0 0 0 27

PERCENTAGE OF DATA VALID - 80.9 PERCENTAGE OF DATA INVALID - 18.2

1

1

MEAN

PERCENTAGE OF DATA UNAVAILABLE - 0.9

1 1 1.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

.. INDICATES DATA IS UNAVAILABLE

1

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	NOITA	- 0	NO.	35033	1	EVANS	/ARNC	LD AV	E, ET	овісо	KE				MON	тн -	MAR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	****	0 0 0 1	0 0 1	1 0 0 2	1 0 0 2	0 0	1 0 0	0 0 0	0 0 1	0 0 0	0 0 0	0 2 0	1 0 1	1 0 1	0 0 0 2 0	0 0 0 1	0 - 0 1	0 0 1	0 0 1	0 0 1 0	0 0 0 1	0 0 0 1	0 0 1 1	0 . 1 0	0 0 1
5 6 7 8 9	0 1 0 0 1	0 0 4 1	0	0 0 0 **** 5 2	1 0 0 +*** 4 2	1 0 0 **** 3 3	0 0 ****	2 0 0 **** 4	1 0 **** 1 3	0 0 ***** 0 3	1 0 0 1 0 3	1 0	2 1 3	****	0 0 1	0 0 2	0 1 2	0 1 0 1	0 1 0 0 2	0 1 0 1	0 1 0	0 1 0 1	****	000	******
11 12 13 14 15 16 17 18 19 20	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 1 0	1 0 0 0 0 0 0 1 1 0	1 **** 0 0 0 0 0 0 2 1	1 0 0 0 0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 2 1 1	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 7 1	7 0 0 0 0 **** 0 0 7 1	0 0 0 0 0 0 0 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	0 0 0 0 0 0 2 1 3	0 0 0 0 2 1 2	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 **** 0 0 2 1	000000111	0 0	1 0 0 0 0 0 1 1 1 3	3 0 **** 0 0 **** 0 1 1 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 2 1
21 22 23 24 25 26 27 28 29	4010210010	1 1 4 1 1 1 0 0 2	1 0 1 1 1 0 0 3	1 0 0 1 1 1 2 0 2 0	0	1 1 0 1 1 1 1 0 0	1 2 1 3 1 2 0 0 ****	0 3 1 2 1 2 1 0	0 3 1 2 0 3 1 0	1 2 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 1 2 1 0 1 0 0	0 5 0 2 1 0 1 0 0	0 9 1 3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 3 1 1 0 0 0 0	0 1 3 1 1 1	0 1 1 5 1 0 0 0	0 1 1 3 3 1 1 0 0 0 0	0	0 0 3 0 1 0 0 0 0	0 0 0 3 0 1 . 0 0 0	001202000	0 0 1 2 0 0 0 0 0 0 0	00000000000	0 0 0 0 1 0 0	0 1 1 2 1 1 1 0 0
31 MEAN	D 1	1	0	0	0	0	0	****	****	1	****	1	1	1	0	0	0	0	0	0	0	2	1	0	0.7

PERCENTAGE OF DATA VALID - 88.0

PERCENTAGE OF DATA INVALID - 9.4

PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION . C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - APR 76 HOUR 1.1 22 23 24 MEAN DAY 0 2 Õ ŏ •••• 13 14 16 17 0 **** 0 **** 0 0 22 23 24 25 26 Ö 28 0.6 MEAN

PERCENTAGE OF DATA VALID - 85.4

PERCENTAGE OF DATA INVALID - 11.9

PERCENTAGE OF DATA UNAVAILABLE - 2.6

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

	ST	ATION	- c	NO	35033	t	EVANS,	ARNOLD	AVE	E, ET	OBICO	KE				MON	TH - 1	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 1 0 2 0 1	1 1 1 0 2 0 1	1 1 0 4 0 1	2 1 1 0 3 0 1	1 0 4	2 1 1 0 3 	1 1 0 0 2 1 0	1 2 0 0 3 3 0	2 2 0 0 2 28 0	1.50	1 2 0 0 2	000		1 1 INVAL		2 1 5 1 3 0	6 1 0	6 1 3 0	1 1 5 1 3 0	1 3	1 1 0 4 1 2	1 1 0 4 0 2	1	1 1 0 3 0 2	1 0 2 2 2 3 0
11 12 13 14 15 16 17 18 19	000000000000000000000000000000000000000	1 0 0 1 - 1 0 0 0 0	1 0 1 1 0 0 0 0	1 0 0 0 0 1 1 - 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0	1 0 0 0	0 0 0	0 0 1 1 1 0 0 0 0 0 0	1 0 1 1 - 0 0 0 0	1 0 0 0 1 0 0 0 1 0	1 3 0 0 0 0 0 0 0	1 1 1 0 0 0 0 0 0		0.00	0	0000.0000	0000.0000	100000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0	0 1 1 0 1 0 0 0 0 0	1 0 0	0 0	
21 22 23 24 25 26 27 28 29	0 0 1 1 1 0 0 0 0	0	0 0 1 1 1 0 0 0 0 0	(1 1 1 1 1 1 1 1	1 1 0 0	1 1 1 1 0 0 0 0 0	0 1 1 1 0 0 0 0	0 1 1 1 0 0 0 0	0 1 1 1 1 1 0 0 0 0	3 1 1 0 1 1	1 0 0 20 3	0000	0 0 1 0	0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0	0 0 0 0 0 0	0	0 1 0 - 0 0 0	1 0 0 0 0 1 1 1 0 0	-	2 1 0 0 0 0	2 2 2 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0	0000
31 MEAN	0		0		0 0			0	2	1	1	1	0			0	0	1	1			1	1	1	

PERCENTAGE OF DATA VALID - 82.0

PERCENTAGE OF DATA INVALID - 11.6

PERCENTAGE OF DATA UNAVAILABLE - 6.5

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. . " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - JUN EVANS/ARNOLD AVE. ETOBICOKE STATION - C NO 35033 24 MEAN 20 21 13 14 HOUR DAY 0 0 2 0 1 2 3 4 5 6 7 8 9 ...0 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 0 0 0 1 1 0000.00001 0 0 2 0 0 0 1

PERCENTAGE OF DATA VALID - 93.9

MEAN

PERCENTAGE OF DATA INVALID - 5.3

PERCENTAGE OF DATA UNAVAILABLE - 0.8

0.6

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " ... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	ATION	· c	NO	35033		EVANS	/ARNO	LD AV	E, ET	овісс	KE				MON	тн -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	0000000	000000	0000000	000000	0000000	****	0000000	000000	000000	000320	0 0 **** 0 1 0	0 0 **** 0 1 0	0000100	0 0 0 0 1 ****	0 0 0 1 0	0 0 0 0 0	0 0 0 0 0	0 0 1 1 1 0	0 0 1 1 1 0	****	0 **** 0 0 1 0	0 **** 0 0 1 0	0 0 0 1 0	0 0 0 1 0	0 0 0 1 0 0
8 9 10	0 0 1	0	0	0	0	0	0 1 0	0	0 **** 0	0 **** 0	0	0	0	0 0 1	0	0	0 0 1	1	0 1 1	1	0 1 1	0 1 1	0 1 1	1	0 0 1
11 12 13 14 15 16 17 18 19	0 0 0 1 1 0 0 0 1	0 0 0 0 1 0 0 0 1	0 0 0 0 1 0 0 0 1	0 0 1 0 0 0 0 1	0 0 1 0 0 0 1	000000001	0 0 1 0 0 0 0 0 0 0 0 2	1 1 0 0 0 0 0 0 1	0 1 2 0 0 0 0 0 0 0 2	0 - 0 0 0 0 0 2	0 1 1 0 0 0 0 0 0 0 2	000000000000000000000000000000000000000	****	0 0 1 **** 0 0 0 0	0 0 1 **** 0 0 0 0 1 2	0 0 1 1 1	0 0 1 1	0 0 1 **** 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 1	0 0 2 **** 0 0 0 0 ****	0 0 1 1 0 0 0 1 0	0 0 1 ****** 0 0 0 0 0
21 22 23 24 25 26 27 28 29	0 0 0 0 1 1 1 2	000000001112	0 0 0 0 0 1 0 - 2 * * * * *	0 0 0 0 1 0 - 2	0 0 0 0 1 0	0 0 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 1 0 - 1 ****	0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 1 0 1 ****	0 0 0 0 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	9 0 **** 0 0 1 **** 1 ****	000000000000000000000000000000000000000	000000000000000000000000000000000000000		000000000000000000000000000000000000000	0 0 0 0 1 1 2 0 0 0	0000102000	0 0 0 1 1 2 0 0 0	0 0 0 1 1 2 0 0 0	0 0 0 0 1 2 0 0 0	0 0 0 0 1 1 2 0 0 0	0000112000	0 0 0 0 1 1 2 2 ****	000000000000000000000000000000000000000	0 0 0 0 1 1 1 2 1 1 ******
31 Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 90.2

PERCENTAGE OF DATA INVALID - 7.5

PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- SU	LPHUR	DIOXID	E							UNITS	- 0.0	01 PAF	RTS/MI	LLION	4						
	STAT	ION -	С	NO 350	33	EVANS	/ARNO	LD AV	E, ET	OBICO	KE				MONT	гн - д	UG	76						
HOUR DAY	1	2	3	4	5 6	7	8	9	1.0	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 0 0 1 0 1 0 0 0	0 0 0 0 1 0 0 0 0	0 0 0 0 1 0 1 0 0 0	0 0 0 1 0 1 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000	0 0 0 0 0 0 0	0000 00000	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	0 0 0 0 0 0 1	000000000000000000000000000000000000000	0 0 0 1 2 2 0 0 0 1	0 0 1 1 1 0 0	0 0 0 1 1 0 0 0 1	0 0 0 1 1 0 0 0 1	0 0 0 1 1 0 0 0 1	0 0 0 1 0 0 0 2	0 0 0 1 0 0 0 1	0 0 0 1 0 0 0 2	0 0 0 1 0 0 0 2	0 0 0 1 0 0 0 2	0 0 0 1 0 0 0 1	0 0 0 0 1
11 12 13 14 15 16 17 18 19	1 1 2 1 0 2 1 2 0	1 1 0 2 1 1 2 1 2 0	0 1 0 2 1 0 2 1 2 1 2 0	0 1 0 2 1 1 2 1 2	0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0	1 1 1 1 2 2 1	0 1 0 1 1 1 2 1 ****	0 1 0 1 1 1 3 3 ****	1 1 0 1 1 **** 0 2	1 0 1 1 3 2 0 2	1 1 0 1 1 3 2 0 2 3	1 0 3 3 0 1 2	1 0 **** 1 1 3 3 0 1 2	1 0 3 1 1 3 2 0	1 3 1 1 3 1 1 1 3	3 1 1 3 1 1 3 3	1 1 2 1 1 1 2 2	2 1 3 1 1 2 1 1 1 1 1 1 1	3 1 2 0 1 1 1 1 1 1	2 1 2 1 1 2 1 1 1 2	1 1 2 1 0 2 1 1 0 2	1 1 2 1 1 2 0 2	1 0 2 1 1 **** 1 2 0 2	1 1 1 1 2 2 1 1 1 1
21 22 23 24 25 26 27 28 29	2 2 2 0 0 0 1 0 0	2220001000	2 2 1 0 0 1 0 1 0 0	2 2 1 0 0 1 0 0 0 0 0	1 0 0	2 2		2 1 0 2 1 0 1 0 0	3 2 **** 0 3 0 0 0 0	2 2 0 0 2 1 0 0	2 3 0 **** 2 0 **** 0 0 5	2 3 0 **** 1 4 0 1 0 0	2 3 0 1 2 0 1 0	2 2 0 0 3 2 0 1 0 0	2 0 0 2 1 0 1	2 2 0 0 1 0 1 0 0	0000000	2 0 0 0 1 1 0 0	2 2 0 0 0 0 1 0 0 0	2 2 0 0 0 1 1 0 0 0	2 2 0 0 0 1 0 0 0 0	2 2 0 0 0 1 1 0 0 0 0	2 2 0 0 0 0 0 0 0 0 0 0 0	2 2 0 0 1 1 0 0
31	0	0	0	0	0	0 0	0	2	5	2	0	1	1	0	0	0	0	1	1	2	2	2	2	1

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - SEP EVANS/ARNOLD AVE. ETOBICOKE C NO 35033 24 MEAN HOUR DAY O o 00. 1 2 2 2 2 0 2 2 . 0 0 1 ō 13 14 15 16 1 2 1 2 1 M000000 Ó o ō 22 23 24 0 1 0 26 27 28 30

PERCENTAGE OF DATA VALID - 96.7

MEAN

PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 1.0

0 0 0

0 0

0.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

0 1

2. .. INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DICKIDE EVANS/ARNOLD AVE. ETOBICOKE MONTH - OCT STATION - C NO 35033 24 MEAN HOUR ò Ó ō O O 12 13 14 15 16 17 18 19 20 ò ò 0 2 1 22 00000-0 1 200 24 25 0 0.6 MEAN

PERCENTAGE OF DATA VALID - 92.6

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE . 6.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	- с	NO 3	5033	Е	VANS/	ARNOLI) AVE	, ETC	DBICON	ΚE				MONT	IH - N	101	76						
HOUR DAY	i	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 1 5 2 0 0 0 0 *	0 0 1 7 2 1 0 0	0 1 2 7 2 0 0 0	0 2 2 5 1 0 1 0 **** 2	0 1 2 1 0 0 0 0	0 3 1 1 1 0 0 0 1 2	0512300031	0 3 1 3 4 0 0 0 0 0 2	1 3 2 4 2 0 0 0 0 2	0 2 1 6 1 0 0 0	0 5 1 2 1 0 0 0 0 2	0 3 1 1 1 0 0 2 1	0 3 1 1 1 1 0 0 2 1	0 3 1 1 - 1 0 0 0 0 0 1	0 3 0 1 1 0 0 3 3	0 4 0 0 0 1 0 0 3 2	0 5 0 2 1 1 0 0 3 2	0 2 1 1 1 1 0 0 4 1	0 2 1 0 0 1 0 0 3 2	0 3 1 2 0 1 0 0 3 2	0 2 2 0 0 1 0	0 3 4 0 0 1 0 *****	0 2 4 - 0 0 0 ****	0 1 4 0 0 0 0 0 0 0 2 1	0 3 1 2 1 1 0 0 2 2
11 12 13 14 15 16 17 18 19	1 1 1 1 1 1 0 3 0	1 1 1 1 1 0 0 0 1 0	1 1 2 1 1 1 0 1 0	1 1 1 1 1 1 0 0 0 0	1 1 2 1 1 1 1 1 0 0 0	1 1 1 0 1 0 0 0	1 1 2 1 1 0 0 0 0	2 1 1 1 1 1 2 0 0 0 0	2 1 1 1 1 1 2 1 1 0	1 1 1 1 1 2 2	1 1 1 **** 1 1 - 0 ****	1 1 0 1 3 0 0 ****	1 1 0 1 1 2 0 0 0	1 1 0 1 1 2 0	1 1 0 1 **** 3 0 0	1 1 0 1 0 5 0 6 0	1 1 1 0 1 0 5 0	1 1 0 1 0 5 0 16 1	1 1 0 1 0 4 1 0	1 1 1 1 0 2 0 0 0	1 1 1 1 2 2 0 0	1 1 2 1 1 1 0 0	1 1 2 1 1 1 0 0	1 1 1 0 1 0 0 0 0	1 1 1 1 1 1 2 0
21 22 23 24 25 26 27 28 29 30	0 0 1 0 1 3 1 0 0	0 0 1 0 1 3 0 0	1 0 1 0 1 3 0 0 0 0	2 0 1 0 1 3 1 0 0 0	2 0 1 0 1 3 1 0 0 0	2 0 1 0 1 4 0 0 0 0	201014000	1 0 1 0 1 3 0 0 0	1 1 0 0 3 0 0 0 0	1 1 0 4 3 5 0 0	1 1 2 2 1 0 0 0	1 1 0 1 **** 2 1 ****	1 1 0 1 2 0 0 1 0	1 1 0 1 3 2 0 0 0 0 0 0 0	1 1 2 1 5 2 0 0 0 0	1 1 0 1 5 2 0 0 0 0	0 1 0 1 4 2 0 0 0 0	0 1 0 1 5 0 0 0	0 1 0 1 5 0 0	0 1 0 1 3 0 0 0 0	0100400000	0 1 0 1 3 1 0 0 0	0 1 0 1 3 2 1 0 0	0 1 0 1 3 1 0 0 0 1	1 1 1 3 2 0 0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTH - DEC STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE 16 17 24 MEAN HOUR DAY 0 0 1 0 0 2 1 12 13 14 15 16 17 18 19 20 0 2 0 17 2 2 19 22 23 24 25 26 27 28 29 30 0 0 1 0 **** 1.3 MEAN

PERCENTAGE OF DATA VALID - 90.1

PERCENTAGE OF DATA INVALID - 8.1

PERCENTAGE OF DATA UNAVAILABLE - 1.9

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

POLLUTANT -	SULPHUR DISKIDE			
STATION -	C NO 35033 EVANS/ARNOL	D AVE, ETOBICOKE		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	2.0	7	13
FEB	21	1.0	4	10
MAR	30	0.7	2	9
APR	25	0.6	2	4
MAY	26	0.6	3	28
JUN	28	0.6	2	8
JUL	28	0.3	2	9
AUG	31	0.7	2	5
SEP	30	0.4	2	4
ост	29	0.6	2	4
NOV	30	0.9	3	16
DEC	29	1.3	4	19
YEAR	333	0.8	7	28

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLILITANT	200	SIII PHUR	DIOXIDE	

UNITS - 0.01 PARTS/MILLION

S	TATION -	C	NO	350	33		EVA	NS/	ARNO	OLD	AVE	, E	тові	COKE	Ε					
	MONTH	00	то	04	05	TO	10	11	τo	14	15	то	25	26	TO	39	40	SOVER	TOTAL	
	JAN		1	566			63			10			0			٥		0	639	
	FEB			540			23			0			٥			0		0	563	
	MAR			646			9			0			0			٥		0	655	
	APR			615			٥			0			0			0		0	615	
	MAY			603			5			0			1			1		0	610	
	JUN			670			6			0			٥			0		0	676	
	JUL			670			1			0			0			٥		0	671	
	AUG			718			2			0	E		0			0		0	720	
	SEP			696			0			0	í		0			0		c	696	
	OCT			689			٥			0)		0			0		c	689	
	NOV			681			17			c)		1			0		c	699	
	DEC			639			25			3			3			0			670	
	YEAR			7733			151			13			5			1			7903	

FREQUENCY DISTRIBUTION BY PERCENTILES

 PERCENT OF DATA	1014 01	r ENGE I EEG		FREQUENCY		TRATIONS					ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
90.0	0	0.0	0.0	0.0	0.6	1.8	2.6	4.2	5.4	28	0.8

	STA	TION -	C	NO 3	5036	I	SLING	TON/40	01	ETOBIC	OKE					MON.	тн - с	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 2 0 2 1 3 0 0 1	1 1 0 2 1 1 0 0 1	0 1 1 0 2 1 2 0 0	0 1 1 0 2 0 1 0 0 1	1 1 0 3 0 1 0 0 2	1 1 0 3 0 1 0 0 2	1 1 0 3 0 0 0 1 3	0 1 1 0 3 2 0 0 1 2	1 1 0 4 2 0 1 0 3	0 1 1 0 3 2 1 1 1 3	0 1 1 0 3 3 1 1 1 2	0 1 1 0 2 4 1 0 1 2	0 1 1 0 1 3 2 0 2	0 1 0 0 1 4 1 0 1 1	0 1 0 0 0 4 2 0	0 1 0 0 - 3 2 0 1	0 1 0 0 0 3 2 0 1	0 0 0 0 3 1 0 0 1	0 0 0 0 3 1 0 0 1	0 1 0 0 1 5 1 0 0 1	0 1 0 0 5 1 0 1	0 2 0 0 0 6 0 0 1 1	0 2 0 0 1 5 0 0 1 2	1 3 0 1 0 4 0 0 4	0 1 1 0 2 3 1 0 1 2
11 12 13 14 15 16 17 18 19	5 2 4 1 0 1 2 0 0 2	4 1 6 2 0 1 2 0 1	3 1 5 2 0 2 1 0 1	2 1 4 2 0 2 1 0 2 1	1 1 4 1 0 2 2 0 3 1	1 1 4 1 0 3 1 0 2 1	1 1 4 1 0 4 1 1 2 0	1 4 0 0 2 1 0 3 0	1 1 5 0 0 2 1 1 4 0	1 1 6 1 1 2 1 1 7	2 1 8 1 1 0 0 7	2 1 9 1 1 1 0 7 2	1 2 9 0 0 1 0 0 7 2	2 2 13 0 0 2 0 7 2	0	1 2 0 0 1 0 6	1 2 7 0 0 1 1 0 7	2 4 7 0 1 1 0 7	1 4 3 0 0 2 1 0 5	1 3 1 0 0 2 1 0 4 0	2 3 1 0 1 2 1 0 2 0	1 0 2 1 1 0 2 0	1 3 1 0 1 1 1 0 2 0	1 4 1 0 1 1 1 0 2 0	2 2 5 1 0 2 1 0 4 1
21 22 23 24 25 26 27 28 29 30	0 2 3 2 2 2 0 1 0	0232322020	0 2 4 2 3 2 2 0 2 0	1 3 3 2 3 3 2 0 2 0	0 2 5 2 3 3 2 0 1 0	0 2 6 2 4 1 2 0 0 0	0 2 6 2 5 1 1 0 1 0	0 2 5 2 5 1 1 0	0 2 3 3 7 2 1 0	0 2 5 3 6 3 1 0 0 0	0 3 5 4 5 4 1 0 0	1 3 4 3 4 ****	1 3 5 3 5 4 1 0 0	1 4 5 2 3 4 1 1	3 1 1	2 4 2 3 3 1	3 3 3 3 0 1 0 0	1 3 3 2 2 3 0 1 0 0	2 4 4 2 3 3 0 1 0	2 4 3 2 3 0 1 0	3 4 3 1 2 3 0 1 0	2 4 3 1 2 3 0 1 0	2 4 2 2 1 3 0 1 0	2 4 2 2 2 2 0 1 0 0	1 3 4 2 3 3 1 0
31	1	7	1	1	1	1	1	1	2	2	3	3	2	2	1	2	3	3	3	2	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	3	1.5

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ISLINGTON/401 ETOBICOKE MONTH - FEB STATION - C NO 35036 HOUR DAY 2 3 4 5 6 7 8 9 0 2 0 1 0 0 0 0 0 0 1 1 0 1 12 13 14 15 16 17 18 19 20 0 2 2 0 1 0 1 1 0 0 0 0 1 22 23 24 25 26 27 28 0 0 0 4 0 0 0 3 2 1 0.9

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAT	ION .	С	NO 3	5036	1	SLING	TON/40	1	ETOBIC	OKE					MON	TH - I	MAR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	0 0 0 2 1 0 0 0 1	0002100001	0 0 0 1 1 0 0 1 1	0002100021	0002100021	1 0 1 1 1 0 0 0 2 1	0 0 0 0 0 0 1 1	0 0 0 0 1 0 0 0 3 1	1 0 1 0 0 0 4 2	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 2 1 0 0 2 2	1 1 0 1 0 0 0	1 0 1 0 1 2	1 0 1 1 0 0 1 4	1 0 1 1 0 0 0	1 0 1 1 0 0 2 1 3	00110000023	0 0 1 1 0 0 0 1 2	1 0 0 0 0 1 2	1 0 1 1 0 0 0 0 1 2	0 0 1 1 0 0 0 1 1	0020000011	0 0 1 0 0 1 1	0 0 2 1 0 0 1 0	0 0 1 1 0 0 0 0 1 2
11 12 13 14 15 16 17 18 19	0 3 2 0 0 1 1 1 4 1	0420011141	1 4 2 0 0 1 2 0 4 1	1 4 1 0 0 1 3 1 4 1	1 2 1 0 0 1 2 2 5 1	1 1 0 0 1 2 2 5 1	1 2 1 0 0 1 2 3 5	0 1 1 0 0 1 1 2 2 3	1 2 1 0 0 1 1 2 2 3	1 2 1 1 1 1 3 3 2 4	7 2 1 1 1 1 2 4 3 2	2 1 1 1 1 2 3 2 3	2 1 0 1 0 1 2 5 2 3	3 1 0 1 0 1 1 8 2 2	3 1 0 1 0 1 1 3 2 2	2 1 0 1 1 1 1 4 2 2	2100111422	2 1 0 0 1 1 1 4 1 2	1 2 1 0 1 1 7 1 2	1 2 0 1 1 1 1 4 1 3	1 2 0 1 1 1 1 2 1 3	1 2 0 1 1 1 1 2 1 2	2 3 0 0 1 1 1 3 1 1	3 2 0 1 1 1 1 3 1 1	2 2 1 0 1 1 1 3 2 2 2
21 22 23 24 25 26 27 28 29	1 0 0 3 1 0 3 0 1 1	1 1 0 2 1 0 5 0 0 1	1 0 0 2 1 0 2 0 1 1	1 0 0 2 1 0 3 0 1	1 0 1 1 0 4 0 1 1	1 1 2 1 3 0 0 1	0312022001	0 4 2 2 0 3 2 0 0	0 3 2 2 1 1 2 0 0	0 2 2 2 1 1 2 0 1	0 2 2 2 1 1 3 0 1 0	0 2 2 1 1 3 0 1	1 0 1 2 0 1 0	1 1 1 0 1 1	0 12 1 0 2 1 0 0	1 0 2 1 0 0	0 11 2 0 3 0 0	0 8 2 0 2 0 1	0 3 2 0 2 0 0	0 0 2 0 2 0 0 1	1	00220020010	0022030010	0 1 2 2 0 4 0 0 1 1	0 3 2 0 2 2 0 1
31	0	1	1	1	0	1	1	1	1	-1	1	0	0	0	0	0	0	1	0	٥	0	2	1	0	1

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT - !	SULPHU	JR DIC	XIDE							9	UNITS	٠٥.	01 PA	RTS/M	LLIO	N						
	ST	ATION	. с	NO :	35036		ISLING	TON/40	1	ETOBI	COKE					MON	TH - /	APR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MI	EAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 1 2 1	0 0 0 0 0 0 1 1 1	0 0 0 0 0 0 1 1 0	0 0 0 0 0 1 1 0	0 0 0 0 0 0 1 1 0	0 0 0 0 0 0 0 3 1 1	0000000411	0 0 0 0 0 0 6 1 2	000000611	1 0 0 0 0 0 0 6 1 1	1000000611	. 1 0 0 0 0 0 0 5 1 1	1 1 0 0 1 0 4 1 1	1 1 0 0 1 0 4 1	4 1 0 0 1 1 3 1 1	1 3 1	1000102341	1 0 1 0 0 1 1 2 4 1	1 0 1 1 1 1 2 1 2 1 1	1 0 1 0 1 0 1 2 2 1	1 0 0 1 0 0 1 2 2 1	0 0 0 0 1 2 2 1	1 1 0 0 0 0 1 1 2 1	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0 0 1 1 2 1 1	0 0 1 1 2 1 1	0 0 1 1 2 1 0	0 0 1 1 4 0 0	0 0 0 1 3 1 0	0 0 0 2 2 1 0	0 0 0 2 2 0 0	0 0 0 1 1 1 0	0 0 1 1 1 0	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		DATA	O O 1 3 2 2 I NVAL I NVAL	ID -	0 1 2 2 2 5	1 1 2 2 5	2 0 1 2 2 4	2 0 0 2 2 4	2 0 1 2 2 3	2 0 1 1 1 2	1 1 1 1 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 3 2 1	1 0 1 2 2 2 2
21 22 23 24 25 26 27 28 29	000000000000000000000000000000000000000	1 1 0 0 0 0	0	000000000000000000000000000000000000000	000010000	1 0 0 1 0 0 0 1 0	1 0 0 1 0 1 0 0	0 0 0 0 0 1 0 1 0 0	0 0 0 0 0 1 0 1 0	0 0 1 0 1 0 0 2	0 0 1 1 0 0 2 0	1 0 1 1 0 1 1 2 0 0	0 1 1 0 0 1 1 2 0	0 1 1 0 1 1 1 2 0	1 0 1 0 1 1 1 1 2	0 0 0 1 1 1 2 0	0 0 1 0 0 1 1 2 1	1 0 0 0 0 1	0 0 0 0 0 1 1 1 1 1 1	000000000000000000000000000000000000000	0 0 0 1 0	1 0 0 0 1 0 0 1 0	0000010010	000000000000000000000000000000000000000	0 0 0 0 1 0 0 1 0 0
MEAN	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	7	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 84.7 PERCENTAGE OF DATA INVALID - 15.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	- c	NO	35036	5	ISLIN	GTON/	401	ETOBI	COKE					MON	TH -	MAY	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 1 1 1	0 0 0 1 1 1	1 0 0 1 1 1	1 0 0 0 0 1		DATA DATA DATA	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LID -	1 2 0 2 ****	1 1 0 1 ****	1 1 0 1 ****	0 0 0 1	0 **** 0 1 ****	0 0 0 1 ****	0 0 0 1 ****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	0 0 0 0 1 ******)
11 12 13 14 15 16 17 18 19	0 1 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000	000000000	000000000	0 0 1 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0	0 0 1 0 0 0 1	0 0 2 0 1 0 0 0 0	0 1 2 0 1 0 0 0 0 0	1 1 2 1 2 0 1 0 0 1	1 1 2 **** 1 0 1 0 0	1 1 3 0 1 0 1 0 0 1	1 1 2 0 1 0 0 0 0 1	1 1 2 0 1 0 0 0 0 1	1 1 0 1 0 0 0 0 0 1	1 1 0 0 0 0 0 0 1	1 1 0 0 0 0 0 1	1 1 0 0 1 0 0 0 1	1 0 0 1 0 0 0	1 1 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 1 0 0 0 0	
21 22 23 24 25 26 27 28 29	0 0 0 0 0 1 0 0	0 0 0 0 0 1 0 0	000000000	000000000	000000000	0000000000	0000000000	0000000000	0 0 0 0 0 1 1 0 0	0 0 0 0 0 1 1 0 0	0 1 0 0 0 1 1 1 1	0 1 1 0 0 1 1 1 1 0 0	0 1 0 0 0 0 1 2 0 0	1 0 0 0 1 1 2 0	1 0 0 0 1 2 ****	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 1 2 0 0 0	0	0 1 0 0 0 1 2 0 0 0	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0000001000	0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 1	
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

PERCENTAGE OF DATA VALID - 83.1

PERCENTAGE OF DATA INVALID - 16.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- 5	ULPHU	R DIO	XIDE							ţ	UNITS	- 0.0	1 PAF	RTS/M)	LLIO	N						
	STA	TION -	С	ио з	5036	1	SLING	TON/4	0 1	ETOBIC	OKE					MONT	тн - ,	אחו	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MI	EAN
1 2 3 4 5 6 7 8 9	0000000000	000000000	000000000	0000000000	0000000000	000000000	0 0 1 1 0 0 0 0 0 0	0 0 1 1 0 0 1 1 0 0	0 0 1 1 1 0 1 2 0	0 1 1 1 0 2 2 0	0 0 1 1 1 0 2 2 1 2	0 0 1 1 1 1 2 2 1	0 1 2 1 1 1 2 2 2 2	0 0 3 1 1 1 2 2 4	0 0 6 1 1 2 2 3 1	0 7 0 1 2 2 3	0 0 6 0 0 1 2 1 2 2	0 0 6 0 0 1 2 1 2 1	0 0 4 0 0 1 2 1 1 1	0 0 1 0 0 1 1 1 1 1 1 1	0 0 3 0 0 1 1 0 1 0	0 0 1 0 0 0 0 0	0 0 1 0 0 0	0 0 0 0 1 1 0 0 0	0 0 2 0 0 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19	O	0	0	0	0	0	٥	0	0	****		- DAT,	A UN. A UN. A UN. A UN. A UN. A UN.	AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL	ABLE ABLE ABLE ABLE ABLE ABLE ABLE		•	٠	-	-	L	2		* *	****
21 22 23 24 25 26 27 28 29												- DAT	4 UN A UN	AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL	ABLE ABLE ABLE ABLE ABLE ABLE ABLE ABLE										

PERCENTAGE OF DATA VALID - 34.4 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 65.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - C	NO 35036 ISLINGTON/401	ETOBICOKE		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.5	5	13
FEB	29	0.9	3	6
MAR	30	1.1	3	12
APR	24	0.B	3	12
MAY	25	0.3	1	3
JUN	10	0.7	2	7
YEAR	149	0.9	5	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP	FREQUENCY	DISTRIBUT	ION FOR	1976			
POLLUTANT - SU	LPHUR CIOXI	DE				UNITS - 0.0	1 PARTS/MILLION
STATION - C	NO 35C36	ISLING	TON/401	ETOBICOKE			
MONTH OC	TO 04 05	TO 10 11	TO 14	15 TO 25 26	TO 39	40 &OVER	TOTAL
JAN	695	39	1	0	٥	0	735
FEB	688	5	0	0	٥	0	693
MAR	718	11	3	0	0	0	732
APR	602	7	1	0	0	0	610
MAY	618	0	0	0	0	О	618
JUN	244	4	0	0	0	0	248
YEAR	3565	66	5	0	٥	0	3636

FREQUENCY DISTRIBUTION BY PERCENTILES
PERCENT
OF DATA CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT
50 70 90 95 98 99 ARITH 10 30 MAX MEAN MIN VALID 0.7 1.9 2.8 4.0 0.0 0.0 5.3 13 0.9 83.2 0 0.1

	ST	OITA	4 - C	NO	35050)	MOE L	AB RI	ESOUR	ES RE) ET	овісо	KE			MON	тн -	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9												- DA - DA - DA - DA - DA - DA - DA	TA UNTA UNTA UNTA UNTA UNTA UNTA UNTA UN	NAVAIL NAVAIL NAVAIL NAVAIL NAVAIL NAVAIL NAVAIL NAVAIL	ABLE ABLE ABLE ABLE ABLE ABLE ABLE										
11 12 13 14 15 16	1 0 1	1 0	1 0 1	1 0 1	1 0 1	1 0 0	1 0 0	1 0 0	1 0 0	1 0 1	1 0 1		DATA	1 1 1 1 INVAL INVAL INVAL	ID -	2 1 1	2 1 1 1	1 1	1 0 1 ****	1 1 1 ****	1 0 1 ****	1 0 1 ****	1 0 1 ****	1 0 1 ****	****** 1 1 1
18 19	****	****	****	****	****	****	****	****	****	****	****	0	1	1	1	2	2	2	1	2	2	2	1	2	*****
20	i	i	1	1	0	1	0	0	1 0	0	0	1 0	i	1	i	i	i	1	i	i	1	1	i	i	i
21 22 23 24 25 26 27 28 29 30	0 0 0 1 0 1 1 1 1 1 1	0 0 0 1 0 1 1 1 1 1 1	0	0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 1 1	0 0 0 0 1 1 1 1 1	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 1 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 1	0 **** 1 0 1 0 0 0 0	0 0 1 1 1 0 1 1	0 0 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1	0 1 1 1 1 1 2 3 2	0 1 1 2 2 - 2 1 1	0 1 1 0 2 2 3 1 1	0 1 2 0 2 2 - 2 1 1	0 1 2 0 2 2 2 1 1	0 1 2 0 2 2 2 1	0 1 1 0 1 1 1 1 1	0 1 1 0 1 1 1 1 1 1 1	0 0 1 0 0 0 1	000110001111111111111111111111111111111	0 1
MEAN	1	1	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 49.9

PERCENTAGE OF DATA INVALID - 12.5

PERCENTAGE OF DATA UNAVAILABLE - 37.6

"**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE MONTH - JUL HOUR 24 MEAN DAY 0 0 0 1 1 3 4 5 6 7 8 9 0 0 0 2 1 0000* 0 0 0 1 1 12 13 14 15 16 17 18 19 20 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 22 23 24 25 26 27 28 29 30 *0000 MEAN 0.6

PERCENTAGE OF DATA VALID - 98.9

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION -	С	NO	35050		MOE LA	B RES	OURC	ES RD	ETO	BICO	KE			MON	TH - /	AUG	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 0 0 1 0 0 0 0	0000010000	0000010000	0 0 0 0 0 0 0	00000	0 0 0 0 0 0 0	1 1 0 0 0 0	0 0 0 0 0 0 0	000000000	1 0 0 0 0	0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0	0 0 0 0 0 1	0 0 0 0 0 0 0 1	000000000000000000000000000000000000000	0000	0 0 0 1 0 0 0 1 2	0 0 0 1 1 0 0 0 0 2	0 0 1 1 0 0 0	0 0 0 1 1 0 0 0 0 2	0 0 0 1 1 0 0 0 0 2	0 0 0 1 1 0 0 0 0 2	0 0 0 1 1 0 0 0 0 2	0000100000	0 0 0 1 0 0 0 1
11 12 13 14 15 16 17 18 19	2 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0	1 1 0 0 0 1 0 0 0	1 1 0 0 0 0 1 0 0 0 0 0	1 1 0 0 0 1 0 0 0	1 1 0 0 0 1 0 0 0	1 0 0 0 0 1 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	1 0 1 0 0 0 0 0 0	1000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 1 0 0 0 0 1 0 1	2 1 4 0 0 2 0 2 1 1	2 1 5 0 0 1 0 2 1	1 0 0 0 0 2 1 2	3 1 0 0 0 0 1 1	3 1 0 0 0 0 1 1 2	2 1 0 0 2 0 1 1 2	2 1 0 0 2 0 1 0 2	2 1 0 0 1 0 1 0 2	2 2 1 0 0 0 0 1 0 1	1 1 0 0 0 0 1 0 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 2 1 0	1 1 1 1 1 1 1 2 1 0	1 1 0 1 1 1 1 0 0	1 1 0 0 1 0 2 1 1	1 1 0 0 0 1 1 0 1 1	1 1 0 1 1 1 1 1	1 0 0 1 0 1	1 0 0 0 1 0 1	1 0 0 0 0 0 0 2 0 1	000000000000000000000000000000000000000	210000000001	2 2 0 0 0 1 1 2 0 1	2 2 1 0 1 1 2 3 0 1	2 2 1 0 1 1 2 3 0 1	2 2 1 0 1 1 1 3 0 1	2 2 1 0 1 1 1 2 0 1	2210112201	3 2 1 1 1 2 2 0 1	3 1 1 1 2 2 0	3 2 1 1 1 1 2 2 0	3 2 1 1 1 2 2 0	2 2 1 1 1 2 2 0 1	1 1 1 2 2 0 1	2 2 1 0 1 1 2 2 0 1	2 2 1 0 1 1 1 2 0 1
31 Mean	1	1 0	0	1	1 0	1	1 0	0	1 0	••••	1 0	1	1	1	1	1	2 1	2 1	2 1	2 1	2 1	2 1	1	2 1	0.6

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE MONTH - SEP 24 MEAN 12 13 HOUR DAY 3 4 5 6 7 8 9 10 ō 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 0000-00000 MEAN

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	S	TATIO	4 -	C NO	35050)	MOE	LAB R	ESOUR	CES R) E	TOBIC	KE			MO	NTH -	OCT	76							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	٥		
2	0	0	0	0	0	0	0	0		1	0	ō	ō	0	1	1	ō	1	,	٠			1	0		
3	0	0	0	0	0	0	0	0	0	0	0	ō	ō	ŏ	ò	1	- 1	4		- 1	ò	1	ò			
4	0	0	0	0	0	0	* * * *	***	****	****	****	****	****	****	****	****		****	ń	ò	ő	ò	0	0	~	l E
5	****	***	****	****	****	****	***	****	****	****	****	****	****	****	-	0	0	0	0	ő	0	1	1			
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	1	1	1	4	0	ó	ò	ó		
7	0	0	0	0	0	0	0	0		0	0	ŏ	ŏ	ő	ò	ó	ò	ò			0	0	0	0		
8	0	0	0	0	0	0	0	0		0	0	Õ	õ	0	Ö	ñ	1	1	1	•	٠	1	4	****		
9												-	DATA	INVA					,		- 1		31			ė.
10	****	****	****	****	****	****	****	****	****	****	***	****	****		****	****	1	1	1	1	1	- 1	1	1	*****	Ē.
11	1	1	***	***	****	***	****	****	****	****	****	****	****	****	****	****							0		*****	3.
12	1	1	1	1	1	1	2	2	1	2	3	4	4	2	2	2	2	2	7				-	2	2222	
13	2	2	2	1	2	2	2	2	1	1	1	1	2	2	1	- 1	5	- 1	1		2	2	2	- 2	. 2	
14	1	1	1	1	1	1	1	1	1	1	1	i	ō	ñ	ò	- 1	1	,	1	1	1	- 1	1	1	1	ij.
15 16	2	2	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	2	2	2	2	1	3.	2	1	
16	1	1	1	1	1	1	1	1	- 4	****	****	****	****	****	'n	ő	ő	0	ó	****	2	2	1	- 1	1	
17	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	٠				****	U	1	1	ä
18	1	1	1	1	1	1	0	1	1	1	1	i	i	1	- 1	- 1	1	- 1	1	,	0	1	1	****	1	ļ
19	***	***	****	****	* * *	***	***	***	****	****	****	****	****	****	****	****			- 1	U	0	0	0	****	*****	į.
20	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1	2	2	2	- 1		1	1	1	1	*****	0
21	3	4	0	0	0			-								- 7		-			1	,	U	1	1	2
22	ò	ó	0	0	0	0		- 1	- 1	- 1	- 1	****	0	0	0	1	0	0	0	٥	0	0	0)
23	2	2	2	2	1	1	1	1	1	1	3	****	1	2	2	2	2	1	1	1	2	1	1	2		
24	2	2	2	2	3	9	2	3	,	2	2	3	2	1	1	1	1	2	2	2	2	2	2	2	. 1	
25	2	2	1	2	2	2	1	3	2 2	2	~	_		2		2	2	2	1	2		2		_		1
26	ō	ō	ò	Ō	ō	ō	ò	ò	ő	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0		
27	ŏ	o	0	o	ő	0	ő	0	0	0	0	0	ő	0	0	0	0	0	0	0000	0	0	C			1
28	o	ŏ	0	o	Ö	0	ō	ő	0	0	0	ő	ő	Ü	0	0	Ö	0	0	0	0	0	0	0	0	1
29	ō	Ō	Ö	O	0	ō	0	ő	ő	ő	ĭ		ő	1	U				0		0	0		0		1
30	ō	ō	1	o	1	1	1	1	1	1	1	1	2	2	1	1	2	4	0	5	0 4	1	0	0	2)
31	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	8
MEAN	1	1	1	1	1	į	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7	ŗ

PERCENTAGE OF DATA VALID - 84.0 PERCENTAGE OF DATA INVALID - 15.7 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE MONTH - NOV 76 HOUR 10 11 12 13 14 17 18 19 20 21 24 MEAN DAY n n ...0 17 ...0 22 23 24 25 0 **** 27 MEAN 1.0

PERCENTAGE OF DATA VALID - 86.8

PERCENTAGE OF DATA INVALID - 13.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	- ¢	NO	35050	N	OE LAB	RES	OURCE	SRD	ET	овісо	KE			MON	гн - я	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 M	EAN
1 2 3 4 5	1 3 0 1	1 2 0 1	0 2 1 1	0 2 1 2	0 2 1 2 0	0 2 1 3	2 2 2 0	0 2 2 2 0	1 2 1 1	0 2 1 1	0 2 2 1 0	2 2 1 1	3 1 •••• 1 1	1 1 1	5 1 0 1	4 2 0 1	5 1 0 1	1 0 1	3 1 0 1	3 1 0 1	3 1 0 2	4 0 2 2	4 0 2 1 2	3 0 2 2 2	2 1 1
6 7 8 9	1 0 0 2	2 1 0 0 3	1 1 0 3	1 1 1 3	2 1 1 1 3	4 1 1 2 3	1 1 2 6	1 1 3 8	1 2 4	1 1 2 2	2 0 1 1 2	2	2 2 2 1	2 0 4 3 1	2 2 3 2 1	2 1 •••• 2 1	1 1 1	1 0 1	1 0 2 1	1 0 2	3 1 1 3	3 1 1 3	3 1 1 3 1	3 1 0 3 1	1 1 2 2
11 12 13 14 15 16 17 18 19	0 2 0 0 1 2 1 2 2 4	0 2 0 1 1 3 1 2 2 3	0 2 0 1 1 4 1 3 2	0 2 0 3 1 5 1 2 2	0 1 0 4 1 3 1 1 2 1 *	0 2 0 4 1 3 1 1 2	0 1 0 2 0 2 1 0 3 2	0 1 1 1 1 2 1 0 4 2	0 1 2 1 1 1 0 0 4 3	1 2 2 2 1 1 0 0 5 2	1 1 2 1 1 1 0 3 2	1 1 2 1 1 1 0 2 2	1 1 1 1 1 0 2 2 2	1 1 1 1 1 1 0 3 1	2 1 1 1 1 1 1 0 3 1	1 1 1 1 2 1 0 0 3	1 1 0 1 1 2 0 0 2 1	1 1 0 1 1 2 0 1 3 1	1 1 0 1 1 3 3 2 4	1 1 0 1 1 3 1 2 4 1	1 0 1 1 3 0 2 4	1 1 0 1 1 3 0 2 4	1 1 0 1 1 2 1 2 4	1 1 0 1 1 2 1 2 4 1	1 1 0 1 1 2 1 1 3
21 22 23 24 25 26 27 28 29	0 0 1 0 5 1 0 0 1 0	0 1 0 4 0 0 0 1 0	0 0 1 0 4 0 0 0 2 0	0 0 0 4 0 0 0 3	00003000000	0010200010	0 0 1 0 2 0 1 0 0 0	0 0 1 0 2 0 1 0 0 1	0 0 1 0 1 0 1 1	0100102021	0 1 0 1 0 1 1	0 1 0 2 1 1 0 0 1	1 1 0 1 2 0 0 0 1 1	1 0 1 2 0 0 0	1 0 1 2 0 0 0	0 0 0 0 0 0 0	0 1 0 0 0 0 0 0	0 1 0 0 0 0 0	0 1 0 1 1 0 0 0	0 0 0 0 0 1	0 2 1 0 0 0 1	0 1 0 4 1 0 0 0 1	0 1 0 7 1 0 0 0	0 1 0 4 2 0 0 0 1	0 1 2 0 0 0
31 MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	3 1	3	1	3 1	1	2 1	1	1	0	0	1	1.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1, ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

25

31

186

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

NOV

DEC

YEAR

SEP

OCT

NOV

DEC

717

624

612

731

0

1

10

8

UNITS - 0.01 PARTS/MILLION

14

8

14

STATION -	C N	0 35050	MOE	LAB	RESOURCES	RD	ETOBICOKE				
MONTH		NO	OF DAYS		Δ	VERAGE	CONCENT	24-HOUR	MAXIMUM	MAXIMUM	READING
JAN							DATA UNA	AVAILABLE			
FEB							DATA UNA	AVAILABLE			
MAR							DATA UNA	AVAILABLE			
APR							DATA UNA	AVAILABLE			
MAY							DATA UNA	AVAILABLE			
JUN			13			0	. 8	1		3	•
JUL			31			0	.6	2	Σ	ε	
AUG			31			0	. 6	2	2	5	
SEP			30			0	.4	2	2	4	1
OCT			25			0	. 7	2	2	5	i

1.0

1.1

0.8

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - C NO 35050 MOE LAB RESOURCES RD ETOBICOKE MONTH 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN DATA UNAVAILABLE FEB DATA UNAVAILABLE MAR DATA UNAVAILABLE APR DATA UNAVAILABLE MAY DATA UNAVAILABLE JUN 359 0 0 0 0 359 JUL 735 1 0 0 736 AUG 732 0 733

0

0

YEAR 4510 21 0 0 0 4534 FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA VALID CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT ARITH 50 70 90 98 99 MEAN 88.3 0.0 0.0 0.1 0.6 1.5 1.9 2.8 3.6 14 0.8

0

0

0

0

0

0

0

717

625

625

739

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- с	NO	44007		2037	PINE	ST BL	RL1NG	TON					MOI	NTH -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0		0	1	0	1	1	1	1	0	0	0	0	o	0	٥	0	0	0
2	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	ō	ō	ŏ	ŏ	ĕ	1	ĭ	ŏ
3	0	0	0	0	0	0	0	0	ō	ō	0	o	ó	ò	ò	ò	o	ŏ	ő	ŏ	ŏ	o	ė	'n	ŏ
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7	3	į.	•	- 1	ò	ò	ő		õ	ő	ŏ	õ	****	3	3	- 3	2	4	4	4	5	•	3	3	3
Á	ĩ	- 1		- 1	1	1	1	2	2	2	2	-						1.0	•	•	5	4	1	2	2
9	- 4	- 1		- 1	2	2	2		- 2			2	2	- 1	- 1	- 1	1	1	0	- 1	2	2	1	1	1
10	4	- 1			1			1	1	1	1	2		1	1	1	0	0	1	1	1	1	1	1	1
1.0	-1	1	1	1	1	1	1	,	1	1	,	1	1	1	1	0	0	0	1	1	1	1	-1	1	1
11	1	0	1	0	1	1	1	1	- 1	i	1	1	1		1		1	1	1	2	2	2	- 1	1	9
12	1	0	1	1		1	1	4	•	î	1	1	1			- 4	- 4		2	2	2	3	2	2	1
13	2	2	2	4	4	4	5	6	6	6	6	÷	ė		2		,	2					1	-	1
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18	1	ò	ò	ő	ò	ò	ó		- 1	1	,	1	0		0		0	0	0	0	1	1	1	1	1
									1	1	0	0	0				0	0	0	0	0	0	0	1	0
19 20	1 2	2	3	2	3	3	2	2	6	5	8	5	6			11	5	4	3	4	3	3	2	2	4
20	2	2	2	2	2	,	1	1	- 1	1	2	2	2	2	1	1	0	0	0	0	0	0	0	1	1
21	1	1	1	1	1	1	1	2	3	3	3	2	3	3	3		2	1	2	1	1	1	1	1	2
22	1	1	1	1	2	3	1	1	2	2	1	1	1	1	1	0	1	0	1	0	0	0	1	2	ī
23	2	3	3	3	4	4	4	5	5	4	5	4		****											*****
24														INVA											
25 26														INVA											
26												-	DATA	INVA	LID -										
27	****			••••	••••								4	3	3	3	2	2	2	2	2	2	3	3	
28	1	1	1	1	1	1	1	2	2	3	3	3	3	1	1	1	1	ō	ō	2	7	2	3	2	2
29	3	2	2	1	1	1	1	1	1	1	1	1	1	1	- 1	4	- 4	0	ő	ò	ò	ō	ŏ	ō	:
30	0	0	0	0	1	1	1	1	2	2	3	3	3				- 4	ĭ	Ÿ	ĭ	2	Ÿ	Ÿ	·	
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31	2	5	3	3	3	4	3	3	2	3	4	3	2	5	6	4	4	4	3	2	2	1	1	1	3
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	•	1	1	1.4
														-	-				(*)						

PERCENTAGE OF DATA VALID - 85.9 PERCENTAGE OF DATA INVALID - 14.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

3. " --- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULPH	UR DI	OXIDE	Į.							UNITS	. 0	.01 PA	RTS/N	IILLIO	N						
	ST	ATION	- 0	NO.	44007		2037	PINE	ST BU	RLING	TON					MON	ITH -	FEB	76						
HOUR DAY	1	2	3	4	5	6	7		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10 11 12 13	2 1 1 5 1 2 1 1 3 3 3 3	2216010113	2115512115533	3 1 2 4 1 1 0 1 1 4 3 3	2 2 2 3 1 2 0 1 1 3 3 3	2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3	3 1 1 2 0 1 1 1 2 3 3	3 1 2 2 2 0 1 1 1 2 2 3 3 3 3	5 1 1 2 1 1 1 1 2 3 5 7	4 1 2 2 1 1 2 1 2 4 3 2	4121222224			4 1 1 2 2 2 2 2 2 1 1 1 1 1 2 2 2 2 1	 LID -	4 1 2 1 3 1 1 1 1 2 2 3	202002001111111	1 1 2 0 2 0 1 1 2 2 2 2	1 1 2 0 2 0 1 1 2 5 5	1 1 3 1 1 0 1 1 2 2	1 1 2 0 2 0 1 1 1 2 1	1 1 2 0 1 1 1 1 1 1 4	1 1 3 0 2 0 1 1 2 2 2	1 1 4 0 2 0 1 1 2 3	3 1 2 2 2 1 1 1 2 3
15 16 17 18 19 20	0 1 0 0	0 1 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 1 0	0 1 0	0 1 0	1 0 0	1 0 0 0	1 0 1 1	1 0 1	1 0	1 NVAI	1 0 0	1 0 0 4	0 0 0 3	0 1 0 0 3	0 1 0 0 3	0 1 0 0 2	0 1 0 0	0 1 0 0	0 1 0 0 2	0 0 0 2	1 0 0
21 22 23 24 25 26 27 28 29	2 1 2 1 0 1 0	3 1 1 0 1 1 0	3 1 1 0 1 1 1 1 1	3 1 0 0 1 1 1 1 2	0 0 0 1 1 1 1	2 1 0 1 0 1 1 1	2 1 0 1 0 1 1 1 2	3 1 0 0 0 1 1 1 2	4 3 0 1 0 1 1 2	3 0 1 1 2 1 2 2	1 4 1 1 2 1 2 2	1 4 1 1 1 2 1 2 2	2 4 1 1 1 2 1 2 2 2	2 3 1 1 1 1 2 2	2 2 3 1 1 1 2 2	2 2 1 1 1 0 1 2	2 2 1 	2 2 0 	2 1 2 0 0 0 1 2	1 1 0 0 0 1 1	1 0 0 0 0 0 1 1	1 1 0 1 0 0 1 1	1 1 0 0 0 0 0 1 1	2 1 0 0 0 0 0 1 1	2 2 1 1 1 1 1 1 1 2
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 84.8

PERCENTAGE OF DATA INVALID - 15.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA QUE TO INSTRUMENTATION FAILURE

"." INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

															- 0		- N. 1 - X	MILLEI	OIN							
	S	OLTAT	4 -	C NO	4400	7	2037	PINE	ST E	URLIN	GTON					MO	итн -	MAR	76							
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2	1 0 0	1 0	1 0					2	2	0		0			1	1	1	1	1		1	1 0	1 0	1	1	
3 4 5 6 7	0	0	0	0	0	0		0 0 1	1	0	1 0 1	0			0		0		0	0		0	0	0	0	
7 8 9	0	0	1 0 1	1	0	1 0 1	0	1 1	1	1	1 1 1	1 1 1	1 1	1 1	1 1 0	1 0	1 1 0	1 0 0	0 0	0	0	0	1 0	0	1 0 1	
10	3	2 2	2	2	2		2	2	3 4	2 4	4	4	****	2.0	1	1	1 2		1 2	2	1	2	1 2	3	2	
12 13 14	2	2	1			1	1	1	2	2	2	1	DATA	1 INVA INVA	1 ID -	1	1	1	2	0		****	****	****	2 1	
15 16 17 18 19 20	0 1 0 0	0 1 0 0	**** 0 1 1 0	0 2 0 1	2	**** 1 2 1 ****	**** 0 2 1	**** 3 1 ****	**** 3 5 2	2 4 1	**** 3 2 1 ****	**** 3 2 1	4 2 1	4	1 3 **** 1 ****	1 6 2 0	1 2 1 0	1 1 1	4 2 1 3	1 0 2	1 0 1	1 1 0 0	0 1 0 0	1 1 0 0	****** 2 2 1	
21 22 23 24 25	****	****										*	DATA DATA DATA	I NVA I I NVA I I NVA I	ID -											
26 27 28	1 2 1	1 1 1	0 1 0	1 1	1 1 0	1 2 0	1 1 0	1 1 0	2 1 0	2 1	1 1	1 1	1 1	1	1 1 1	1 1 1	1 1 1	1 1 1 0	1 1 1 0	1 0 1 1	1 1 0	1 0	1 1 0	1 1 1	1	
29 30 31	1 0	1 0	1 0	1 0	1 0	0	0	0	0	0	0	0	0	0	0	0	4 0	0	3 0	3	0	2	1 0	1 0	0	
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	

PERCENTAGE OF DATA VALID - 65.1 PERCENTAGE OF DATA INVALID - 34.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

														CITAL	3 0	.0)	AKIS	WILLI	UN							
	S	TATIO	٧ -	C NO	4400	7	2037	PINE	ST B	URLING	TON					MC	ONTH -	APR	76							
HOUR DAY	1	2	3	3 4	5	6	7	В	9	19	11	12	13	14	15	1 €	17	18	19	20	21	22	23	24	MEAN	
1	***	***	****	****	****	****	****	****	****	***	****	****	****	****	****			3			_	_	_			
2	1	1	1	1	1	1	0	0	0	0	0	****	****	2	2					2	2	2	2	2	***	
3	1	1	1	1	1	1	1	2	2	2	2	2	2	2				2	2	1	1	2	2	1	1	
4	1	1	- 1	-1	1	1	1	- 7	1	- 7	1	1	- 1		- 2	-		1	1	1	2	1	1	1	1	
5 6 7	- 1	1	1	- 1	1	a	1	1	- 4	2	2	141	ó		1		1	1	1	1	1	1	1	1	1	
6	1	1	1	1	1	o		- 1	- 1		- 4	- 1	1	0	1	C	0	0	0	1	٥	0	0	0	1	
7	0	Ó	Ċ		0			ó	o	ó		1	,	1	1	1	1	1	1	0	0	0	0	0	1	
В	1	1	1				1	U	Ü	1	1	0	0		1	1	1	1	1	0	0	0	0	1	ó	
9	- 4							1	1	300	О	0	_	1	0	0	0	1	1	0	1	1	1	1	- 7	
10	Ó	Ô	0	Ó		1	2	2	3	3	2	2		1	2	2	1	1	1	2	2	1	ò	i	;	
10	U	U	U	C	1	- 1	2	3	2	2	1	1	1	1	1	1	1	1	1	- 7		i	ŏ			
11	- 2																					3.0	v		,	
12	1	1	0		0		0	2	1	1	1	1	1	1	1	1	2	1	4	, i		4				
	1	1	2	. 1	1	2	3	4	4	2	1	1	1	- 1	1	1	1	i	- 4	- 4			- 1	1	3	
13	1	1	1	- 1	1	1	1	2	2	2	2	2	2	2	- 1	1	1	i	- 4			- 1	1	1	3	
14	2	2	1	1	2	2	3	3	2	2	3	3	1	****	Ŷ	- 1	,	,	2	à	2	1	1	2	1	
15	5	5	5	5	5	5	5	5	5	4	3	2	****		****	- 4	î	-	- 4	2	2	3	3	4	2	
16	1	1	1	1	1	1	1	1	1	1	1	- 7	1	1	-				1	1	1	1	1	- 1	3	
17	1	1	1	1	1	1	1	2	2	2	1	- 4	- 4	- 1	- 1	- 4		31	1	7	1	1	1	1	1	
18	1	Ť	1	1	1	1	2	4	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	4	
19	2	2	2	2	2	2	2	2	2	2	2	2			2	2	2	2	2	2	2	2	2	2	2	
20	1	1	1	1	1	1	1	1	1	÷	1	1	2	****	1	1	1	1	1	1	1	1	1	1	2	
												3	2		0	0	0	0	0	0	0	0	0	0	1	
21	0	0	0	0	0	0	0	-6			14															
22	1	1	1	1	1	1	- 1	4	- 1	1	- 1	0	0	.1	1	1	0	****	1	1	- 1	1	1	1	1	
23	1	1	4		- 1		1	2	1	2	1	1	- 1	1	1	1	1	. 1	1	1	1	1	1	1	1	
23 24 25 26						- 1	æ	~	-1		-1	1	1	****	****	****	****	****	****	****	****	****	****	****	*****	
25												-	DATA	INVAL	ID -											
26	****	****	****		20202-20	2222	200		200			-	DATA	INVAL	.ID -											
27	0					****	****	***	4 4 *	****	****	****	****	***	****	****	****		****	1	- 1	14	1	*		
		0	0	0	0	0	0	0	0	0	O	0	****	0	0	0	0	0	0	ò	ò	'n	'n	ó	54.040.40.40.40.60	
28	0	0	0	0	0	0	2	4	18	1	1	1	1	1	1	1	1	1	1	ĭ	•	•	Ų		0	
29	1	- 3	1	1	1	1	2	4	2	2	1	****	0	0	0	1	4	4	- 1		- 10	1		3	1	
30	1	1	1	1	1	1	2	4	1	****	-	****	****	****	****						1		1	1	1	
																		117 7 7	A 20 M A		7784		4	3	*****	
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	î	1	1	1	1				-	176				
											100			2	9		. 1	1	1	1	1	1	1	1	1.1	

PERCENTAGE OF DATA VALID - 83.8 PERCENTAGE OF DATA INVALID - 16.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

					44007		0007																		
	31A	TION -	С	NU	44007		2037	PINE S	I BUI	RLING	ON					MONT	TH - N	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1	3	3	3	2	2	2	2	3	3	3	3	4	3	3	3	2	2	2	2	2	2	2	2	2	3
2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	3	3	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	2
4	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	1
5	2	2	2	2	2	2	2	2	3	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
6 7	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	1
é	0	0	0	0	0	0	0	0	0	0	0	D	0	0	0	0	1	1	0	0	0	1	1	1	0
9	0	0	0	0	0	0	0	- !	- 1	1	0	٥	1	1	- 1	1	1	1	1	0	0	0	0	0	0
10	0	ŏ	0	0	ő	٥	1	- 1	2	2	- 1		2	1 2	1	2	2	1	1	1	0	0	0	0	1
10	U	U	٠	U	U	0	,		2	2	,		2	2	2	2	4	2	2	2	2	2	2	2	1
11	2	2	2	1	1	1	- 1	1	1	1	1	1	1	1	1	1	0	0	0	1	2	2	2	1	4
12	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	•	1	1	ĭ	i	ō	ō	ō	ò	i
13	0	0	0	0	0	0	1	1	1	1	2	4	3	3	2	2	2	2	1	1	1	1	1	1	1
14	- 1	1	1	2	1	1	1	1	2	2 .	• • • •	1	1	1	1	1	1	1	1	1	1	o	0	o	1
15	0	0	Q	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	0
16	1	1	1	1	1	1	0	1	1	1	0	1	1	0	0	0	0	0	0	1	1	0	1	0	1
17	0	0	0	0	0	0	0	0	0	0 '		1	1	1	1	1	1	1	1	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
19	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1:		1	1	0	0	0	0	0
21	0	0	0	0	0	0	0	1	i	0	1	1	1	• • • •	2	2	1	1	1	1	1	1	1	0	- 1
22	0	0	0	0	1	2	3	3	3	2	2	2	1	1	1	1	1	1	i	1	ò	ò	ò	ŏ	i
23	1	1	1	1	1	2	5	2	2	1	1	1	2	1	1	1	1	1	1	1	ō	ŏ	ō	ō	1
24	3	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	0	1
25	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
26	0	٥	0	0	0	0	0	1	1	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1
27	1	1	0	0	0	1	1	1	2	2	1	1	1	1	2	2	2	2	2	4	4	1	1	1	1
28	0	0	0	0	0	1	1	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	0	1
29	0	0	0	0	0	0	٥	1	1	1	1	0	1	1	1	1	0	0	0	0	1	1	1	0	0
30	U	٥	0	1	1	7	1	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	٥	0	0	0	0	0	0	0	0	1	• • • •	0	0	0	0	٥	0	0	0	0	1	0	0
MEAN	1	1	1	1	1	1	1	1.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	51	ATION	- с	NO	44007	e.	2037	PINE	ST BI	IRLING	TON					MON	TH -	JUN	76						
HOUR	1	2	3	4	5	6	7	•	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	1	1	1 2 0	1 4 0	1 2 0	1	1 2	1 3	1 2	1	1	1	1	!	1	1	1 1	1	0	0	0	0	1	0	1
4		**** *	•••	••••		_																		••••	
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6	0	0	ó	0	0	0	0	Ó	õ	o	0	ŏ	ō	ŏ	1	1	1	ĭ	,	1	1	1		ő	ŏ
7	0	0	0	0	0	0	1	1	1	1	1	ō	0	0	ó	Ô	o		•	ò	ò	ò	0	ő	ŏ
8	0	0	0	0	0	0	0	1	1	1	1	1	1	1	ī	1	1	1	1	1	1	ŏ	õ	ŏ	1
9	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1
10	1	1	1	1	-1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	1	1	0	1
12	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	ă	o	0	1	1
13	1	1	1	1	1	1	2	2	1	1	0	1	1	1	1	1	1	1	1	2	2	1	1	0	1
14	1	1	0	0	0	1	2	2	1	1	O.	1	1	1	1	1	1	1	1	1	1	1	1	0	1
15	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	5	5	9	2
16 17	5	3	3	2		1	0	1	1	1	1	0	1	0	0	1	1	1	1	0	0	0	0	0	1
17	ŏ	0	0	0		ŏ	٥		1		. !	1	1	1	1	1	1	1	1	1	0	1	1	0	1
18 19	2	2	9	1	1	,	1	- 4	1	- 1	- 1	ŭ	0	0	0	1	1	1	2	1	2	2	2	2	1
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							-	•	(8)	10.	**	-1	1	1	4:	1	11	1	1	, i	1	1	1	0	1
21	0	o	0	0		0	0	1	1	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0
22	0	0	0	0		o	0	1	2	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1
23	•	ŏ	0	1		0	ó	0		2		****	1	1	1	1	3	1	1	1	1	1	1	1	1
24 25 26	ò	ŏ	0	0	0	0	ŏ	0	1	ò	'n		2	2	3	1	2	2	1	0	0	٥	0	٥	1
26	1	ĭ	0	ő	ő	õ	,	1			1		4	2	1 2	1	2	2	1	1	٥	1	1	- 1	1
27	1	i	ŏ	ŏ		ō	ò	1	i	i	•	,	1	- 1	- 1	- 1	5	4	2	2	1	1	2	1	1
27 28	2	1	1	1	1	i	1	2	2	2	•	- 7	í	i	4		3	5	•		2	2	ó	2	2
29	0	0	0	0	0	٥	0	1	2	1	1	1									****			****	
30	1	1	0	0	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	2	2	2	1
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 92.2 PERCENTAGE OF DATA INVALID - 7.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

															-											
	S1	TATION	4 - (C NO	4400	7	2037	PINE	ST B	URLIN	STON					MO	NTH -	JUL	76							
HOUR DAY	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	2	2	2	2		3	1	1	2	2	2	1	2	1	1	2	1	1	1			1	1	1	
2	O	0	0	0	0	0	1	1	1	0	1	1	1	1	,	1	1		- :	ó		ò	ó	ó		*
3	0	0	0	O	0	0	0	1	2	2	1		ò	ó	ò	o	ó	'n			0				100	
4	0	0	0	0	O		ō	Ö	ō	- 3	190	ó	7	Ÿ	,	,	·	0	0	0		0	0	0	0	
5	1	Ō	O	0	1	1	1	1	3	2	****	9	- 1	- 1	1	1	1	1	1	1	1	1	1	- 1	1	
6	19	Ö	0	Ö	0	Ó	4		3	2	****	1	1	1	2	2	2	3	2	2	2	1	1	1	1	
7	Ó	0	- 75	0	100	-	18	3:	1	- 1	- 1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
6		0	0	1	2		3	- 1	1	2	****	***	****	****	***	****	****	****	2	1	1	1	1	1	1	
8	1	1	1	1	1	- 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	4	
9	٥	0	0	0	0		0	1	1	1	1	0	0	0	0	0	0	0	'n	o.	o	ò	0	ō	ò	
10	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	1		ő		7	ĭ	ĭ		
11	0	0						==0	-								•	1.	- '	U	1	-1		30	1	
			0	0	0			0	0	0	1	1	1	- 1	1	1	1	1	1	1	1	1	0	0	1	
12	0	0	0	0	0		2	0	0	0	0	***	****	****	****	****	****	****	****	****	****	****	****	1	*****	
13	- 1	1	0	0	0		1	0	0	0	0	0	-	-				-			-		-		*****	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	1	1	1	1	****	1	1	1	1	1	1		,				_	Ÿ	
16	0	0	0	0	0	0	0	0	- 4	- 1	- 1	1	ò	Ó		1.00			1	1	0	0	0	0	1	
17	0	0	0	0	ō	o.	ō	0	ó	ó	ó	ò	0	ő		- 5		0	0	0	0	0	0	0	0	
18	ō	ō	Ö	0	0	0	0	0	0	0	ő	0	230		0	Ü	0	0	0	0	0	0	0	0	0	
19	****	****	****	****			****			0		U	0	. 0	0	****	****	****	****	****	****	****	****	****	*****	
20	1					4.4.4.4				****	****	****	****	****	****	****		****	****	****		***	1	1:	*****	
	-1	0	0	1	1	j	3	1	1	1	1	1	****	2	2	2	2	1	2	1	1	1	1	0	1	
21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0		0	0	0		
22	0	0	0	0	0	0	0	0	0	0	0	Õ	- 4	o.	ő	ò			10.00		3			·	0	
23	1	1	0	0	0	1	1	0	0	0	0	1		****	****				0	٥	0	0	0	1	0	
24	****	****	****	****	1	1	9	1	- 1	Ĭ	1	- 1						****	SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON	****	****	****	****	****	*****	
25	0	0	0	.0	n	o.	ó	Ó	****			1				- 1	1	- 1	0	0	0	0	0	0	1	
26	****		****	***	****		****		****			****				****	****	****	***	****	****	****	****	***	*****	
27	2		5 5 5 5 5	****		****				****	****	***	***	****	****	****	* * * *	****	2	2	2	2	2	2	*****	
		4	3	2	1	3	1	1	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	1	
28	0	0	0	0	0	0	0	0	0	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		ò	o	ó	ó	ò	4	
30	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	•	1	,	1	0	ő	ő	****	ò	
31	0	0	0	0	0	0	0	0	0	0	0		•								-	_	-			
									U	U		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	0	0	0	0	0	0	0	O	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0.5	

PERCENTAGE OF DATA VALID - 84.1 PERCENTAGE OF DATA INVALID - 14.2

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- * INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PC	LLUTA	NT -	SULP	HUR D	OXID	Ξ							UNITS	· o.	01 PA	RTS/M	ILLIO	N						
	ST	TATION	- 0	NO.	4400	7	2037	PINE	ST BU	JRLIN	GTON					MON	тн -	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	0	0	0	0	0	0	0	0	0	D	0			O AVAIL			0	0	0	0	0	0	0	0	0
4 5 6 7 8 9	000000	0000	000000	0 0 0 0 0	0 0 0 0		000000	000000	0 0 0 0 0	- 000000	0 0 0	00000	000000000000000000000000000000000000000	0 0 0	0 0 0 0	0000000	0000000	0000000	0000000	0000000	0 0 0 0 0	000000	0000000	0 0 0 0 0	*****
11 12 13 14 15 16 17 18 19 20	0 **** 1 0 0 0 0 0	1 0 0 0 0 0	1 0 0 0 0 0 0 0	0 **** 1 0 0 0 0 0 0 0 0 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 **** 1 0 0 1 0 0 0	0 **** 1 0 0 1 0 0 1 0	O 0 1 0 0 1 1 1 1	0 0 1 0 0 1 1 1 1	0 0 1 0 0 1 1 1 1	0	0 0 1 0 1 0 1 1 0 2	0 0 1 0 0 0 1 1 1	0 0 1 0 1 0 1 + + + + +	0 1 1 0 1 0 1 1 0 1 1	0 1 1 0 1 0 1 1	0 1 1 0 1 0 1 1	0 1 1 0 1 1 1 1	0 1 1 0 0 0 1 1	1 0 1 0 1 1	1 0 0 1 0 1 0	1 0 0 0 0 1 0 1	**** 1 0 0 0 0 0 0 1	**** 1 0 0 0 0 0 0 0	0 1 1 0 0 0 1 0 1 1
21 22 23 24 25 26 27 28 29 30	****	0 0 0 1 1 0	000000000000000000000000000000000000000	****	****	0 0 1 0 0 0 0 0 0	***** 0 1 1 0 0 0 0	**** 0 2 1 0 0 0 1	**** 1 2 2 0 0 0	**** 1 1 0 0 0	0 1 1 0 0 0			I NVAL I NVAL 1 1 2 2 1 1 0 2		2 1 2 2 1 1 0	1 1 2 2 1 2 0 2	1 1 2 2 1 1 0	1 0 2 2 1 1 0	1 0 1 1 0 1 0	1 0 1 1 1 0 0	0 0 1 1 0 0 1	0 1 2 1 0 0	0 0 0 1 1 0 0 0	0 1 1 1 1 0
31 MEAN	0	0	0	0	0	0	0	1	0	0	1	1	2 1	2	1	1	1	1	1	1	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 80.1 PERCENTAGE OF DATA INVALID - 11.8

PERCENTAGE OF DATA UNAVAILABLE - 8.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT		SULPHUR	DIOXIDE	
PULLUIANI	•	SULPHUR	LIGATOR	

	ST	ATION	- с	NO	44007		2037	PINE	ST BU	RLING	TON					MON	TH -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	3	1	1	1	1	1	0	1	1	1	1	1	1	0	1	0	0	0	0	1	1
2	1	1	1	0	O	0	1	1	2	1	1	1	0 2 2	1	1	1 2	1	2	1	0	0 2	0 2 1 0	0	2	ż
3	0	1	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	1	- 2	- 1	ñ	ō	5
4	0 2 0	0	0 3 0 0	0 3 0 0	3	2	2	0	0	2	1	1		- 4	- 2	- 1	- 1	- 1	- 4	ċ	ò	'n	0	ŏ	ō
5	0	0	0	0	0	0	0		0		0	1		1	- 1		ì	4	4	1	ĭ	1	ŏ	õ	1
6		0	0	0	0	0	1	0	0	0	1	- 1	- 1	- 1	- 1	2	2	9	ż	,	ż	2	2	1	1
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14	- 1	ò	î	1	0	1	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1
15	,	2	2	2	2	2	1		1	1	1	2	1	2		1	1	0	0	2	2	1	0	0	1
16	ō	ī	2	1	0	1	0	0	0 2 0	1	2	1		0	0		00	٥	0		0	1	1	1	1
17	1	1	1	1	1	1	1	1	2	1	0	- 1		• • • •	1	0	0	0		0	0	0	0	0	
18	0	0	0	0	1	0	1	1	0	1	1	1		1	1	0	1	- 1	0	0	_ 1	1	0	0	1
19	0 0	0	0	0	0	0	0	0	0	0	0	0	_	. 1	1	1	!	1	1	1	0	0	!		
20	1	0	0	1	1	1	2	1	2	1	1	0	****	****			••••								
													DATA	1.00	110										
21		2022											O	INVA	(10 -			•	1	•	1	1	1	1	*****
22	****	****		••••	••••	****		3		2	2	2	_		- 1	1	i	i	i	- 1	•	i	1	1	1
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20	3	3	- 1	ĭ	1	ĭ	1	1	1	1	3	2		1	1	1	1	1	1	1	1	1	0	0	1
27 28 29	ő	å	1	ó	1	i	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
30	1	1	i	1	Ö	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
-																								_	

PERCENTAGE OF DATA VALID - 90.8 PERCENTAGE OF DATA INVALID - 9.0

MEAN 1 1 1 1 1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULPI	HUR DI	OXIDE								UNITS	0.	01 PA	RTS/M	ILLIO	N						
	ST	ATION	· c	NO	44007	ž.	2037	PINE	ST BU	RLING	TON					MON	тн - (DCT	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 2 1 1 1 3 1 1 1 2	0 1 3 1 1 1 1	1 2 1 0 1 3 1 1 1 1	1 2 1 0 1 4 1 1 0 1	0 1 4 1	3 1 1 0 1 4 1 1 1 1 1	2 1 1 1 4 0 1 1 1 1	3 1 1 2 2 4 1 1 2	3 1 1 1 2 4 0 1 1	4 2 2 1 1 5 0 1 1	2 2 2 1 2 6	2 1 0 3 6 1 2 0 1	1 2 2 0 3 6 1 3 0	1 2 2 0 2 4 1 2 0 1	1 2 2 0 2 2 1 2 0 1	1 1 1 2 1 3 2 0 1	1 1 0 2 1 3 3 0 1	1 1 1 1 1 2 1 1	1 1 1 1 2 1 1 0 1	1 1 1 1 1 0 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 2 1 1 1 1 1 1 2	1 1 1 2 3 3 1 1 1 1 1
11 12 13 14 15	2 2 0	20	20	1 1 2 0	1	1 1 1 0	2 1 0	2 2 1	3 3 	2 2 	3		DATA	INVALI INVALI	D -	1 6 0	1 6 0	1 5 0	1 4 0	0	1 5 0	0	0		3
17 18 19 20	1 0	1 0	····	1	•••• 0 1	0	1	1 1	1	 2 1	1	1 2	1	1 1	1 1 1	1 0 1	0 2	1	1	0	1 0 1	1	1	1	1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 0 0 1 1	1 1 1 1 0 0 1 1 1 1	0	11 00 00 00 00 00 00 00 00 00 00 00 00 0	0 0	0000	0 0	1 3 0 0	2	1 0 1 1 1 3 0 0 1 2	1 1 4	1 0 1 1 1 1 1 1 1 1	1 1 1 1 1 1 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3	0 1 1 0 2	0 1 1 2	0 0 1 0 3	0 1 1 0 3	0 1 2 1 0 1 1 0 2	1 1 2 1 1 0 1 1 0 2	1 1 1 0 1 1 0 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 0 0	11 11 11 11 11 11 11 11 11 11 11 11 11	1 0 2
31 Mean	1	1	1	,		1	1	1		1	_	-	2		1	1	1	1	1	1	1	1	1	1	_

PERCENTAGE OF DATA VALID - 84.3 PERCENTAGE OF DATA INVALID - 15.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- -- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	. C	NO 4	4007	2	037 P	37 PINE ST BURLINGTON									MONTH - NOV 76								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	2 2 3 1 1 0 0 2 2	2 2 2 1 0 0 0 2 2	2 2 1 1 0 0 0 2 1	2 1 1 1 0 0 0 2 1	2 2 1 1 1 0 0 0 2 1	3 2 1 2 1 0 0 0 3 1	2 1 2 1 1 0 1 3	2 2 2 3 2 1 0 1 3 1	1 3 2 3 2 1 0 0 2 1	2 3 2 3 2 1 0 1 2 1	4 2 2 2 1 0	**** 3 1 2 1 1 1 **** 4 1	1 3 1 1 1 1 1 3 4	1 4 1 1 1 1 3 5	1 4 1 2 1 1 1 3 4 0	1 3 1 2 1 1 0 3 6	1 3 1 1 1 1 3 4	2 2 1 0 0 1 1 3 3 1	2 2 1 1 0 1 1 2 3	3 2 1 1 0 1 1 2 3 1	2 2 1 1 0 1 0 2 3 1	2 1 2 1 0 1 0 2 3 1	2 1 4 1 0 1 0 2 2 1	2 1 4 1 0 1 0 2 2 1	2 2 2 2 1 1 0 1 3
11 12 13 14 15 16 17 18 19	1 1 0 1 1 1 0 0 1	1 0 0 1 1 1 0 1 0	1 0 0 1 1 1 0 1 0	1 0 0 1 1 0 0 0	1 0 0 0 0 1 0	1 1 0 1 0 0 1 0 0 0	1 0 0 1 0 1 0	1 0 1 0 1 0 1 0	1 0 2 1 0 2 1 1	2 1 1 1 0 2 1 1 0	1 1 1 1 1 0 2 1 1	1 1 1 1 1 3 3 ****	1 1 0 1 **** 0 3 0	1 1 1 2 0 3 0 1 1	1 1 1 2 0 5 0 1 1	1 1 1 1 0 4 0 1 1	1 1 0 1 2 0 4 0 1 1	1 0 0 1 1 0 3 0 0 1	1 0 0 2 1 0 3 1	1 0 0 2 1 0 2 1 1 1	1 0 0 2 2 0 2 1 1 1	1 0 1 1 2 0 1 1 1 0	1 0 1 1 2 0 1 1 1 0	1 0 1 1 2 0 0 1 0 0	1 0 1 0 2 0 1 0
21 22 23 24 25 26 27 28 29 30	0 0 0 1 1 3 1 1 1 1 1	0 0 0 1 1 3 1 1 1 1 1	1 0 0 1 1 1 1 1 1 1	0 0 0 1 1 2 2 0 1 1	0 0 0 1 1 2 3 1 1 1	0 0 0 1 1 5 0 1 1	0 0 0 1 1 5 0 1 1	1 0 0 1 1 1 5 0	1 0 0 1 2 1 4 0 1	1 0 0 1 1 3 0 1 1	1 0 0 1 1 1 1 2 1 1 1 1	0 1 0 1 1 1 2 1 1 1	0 1 0 1 2 1 1 1 1 1 1 1	0 1 3 1 1 1 1 1 1 1	0 0 0 1 3 1 1 1 1 1 1	0 0 0 1 2 1 1 1 1 1 1 1	1 0 0 1 4 1 1 1 1 1 1 1	1 1 0 1 4 1 1 1 1 1 1	0 1 0 1 2 1 1 1 1 1	0 0 0 1 2 1 1 1 1 1 1	0 0 0 1 2 1 1 1 1 1 1	0 0 1 1 2 1 1 1 1	0 0 1 1 2 1 1 1 1	0 1 1 1 2 1 1 1 1 1 1 1	0 0 0 1 2 1 2 1 1 1 1
MEAN	1	1	1	1	1.	1	1	1	1	1	1	1	1	1	1	1	Ì	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	STATION - C NO 44007 2037 PINE ST BURLINGTON								MONTH - DEC 76															
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 2 0 0 1 1 1 0 1 3	1 2 0 0 2 2 1 0 0 4	1 3 0 0 2 3 1 0 0 3	1 3 0 0 2 3 1 0 0	1 2 0 1 1 1 1 0 0 4	1 2 0 1 1 1 2 0 0 4	1 1 0 1 1 2 3 0 0 4	2 2 1 1 1 2 2 0 0 3	2221231012	2 1 2 1 1 3 1 0 1 2	1 2 1 1 3 1 0 2 2	1 **** 1 1 2 3 1 1 2 ****	2 1 0 1 2 2 0 1 3 2	3 0 0 1 1 2 1 2 5 2	7 0 0 1 1 2 1 1 5	6 0 0 1 1 1 0 1 4 1	5002220141	4002241131	2 0 0 2 1 3 1 1 3 1	2002231141	20022411331	3 0 2 1 4 1 1 3	3 0 0 1 2 3 0 1 2 1	3 0 0 1 2 3 0 1 3 1	2 1 0 1 2 3 1 1 1 2 2 2
11 12 13 14 15 16 17 18 19	0 1 1 1 1 1 1 1 1 3 3	1 2 0 1 1 2 2 **** 1 4 3	1 2 0 1 1 2 2 0 3 3	1 2 0 1 1 1 2 0 4 2	1 1 0 2 1 1 2 0 4 1	1 1 1 2 1 2 1 0 3	1 1 2 1 2 1 0 2 2	1 1 2 1 3 1 0 4	2 2 3 2 2 4 1 1 4 2	1 2 1 2 1 3 1 1 3	1 2 1 2 1 4 1 1 3	1 2 1 **** 1 3 2 1 3	1 2 1 2 1 2 1	1 1 1 1 **** 1 1 2 1	1 1 1 1 1 1 1 2 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 1 1	1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 2 **** 1 0 2	1 1 1 2 **** 1 0 2	1 0 1 1 2 2 2	1 0 1 1 1 ***** 0 0 2 3	1 0 1 1 2 **** 0 0 3 1	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 ****** 1 0 3 2
21 22 23 24 25 26 27 28 29 30	1 0 1 0 5 1 0 1 2 3	1 0 1 0 4 1 0 1 3 3	1 0 1 0 4 1 0 1 3 3	0 0 1 0 3 1 0 1 2 3	1 0 1 0 3 0 0 1 1 1 3	1 0 1 0 3 0 1 1 1 4	1 1 0 3 0 0 1 1 4	1 1 0 3 0 0 2 1	1 1 1 3 1 0 1 2 4	1 0 0 1 3 1 0 1 1 2	3 1 0 2 3 1 0 1 1 3	2 1 0 2 2 1 0 1 1 3	2 1 0 1 2 1 0 4 1	1 1 0 1 2 1 0 3 2	1 2 0 1 2 0 0 3 2 3	1 2 0 2 2 0 0 2 1 4	0 1 0 2 2 0 0 2 1 5	0 2 0 2 2 0 0 3 1 4	0 1 0 3 2 0 0 4 1 4	0 1 0 5 2 0 0 2 1 4	0 1 0 7 2 0 0 3 1 4	0206200214	0 1 0 4 2 1 0 2 1 4	0 1 0 5 2 0 1 2 2 4	0
31	3	3	2	2	2	2	2	2	4	3	3	3	3	3	7	6	3	3	2	3	2	3	3	2	3

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.4

MEAN 1 1 1 1 1 1 1 2 1 2 2 1 1 2 1 1 1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - C	: NO 44007 2037 PINE 5	BURLINGTON		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	1.4	4	11
FEB	24	1.4	3	7
MAR	19	1.0	3	6
APR	24	1.1	3	5
MAY	31	0.9	3	5
JUN	27	0.9	2	9
JUL	24	0.5	Ť	3
AUG	24	0.4	š	2
SEP	26	0.9	3	11
oct	26	1,1	3	6
NOV	30	1.1	3	6
DEC	30	1.4	4	7
YEAR	311	1.0	4	11

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT -	6	SULPHU	R DIOXIDE			
STATION -		C NO	44007	2037	PINE	ST

UNITS - 0.01 PARTS/MILLION

TION -	С	NO	440)7		2037	7 P	INE	ST	BURL	INC	STON								
MONTH	00	то	04	05	то	10	11	то	14	15	то	25	26	то	39	40	&OVE	2	TOTAL	
JAN			614			24			1			0			0		()	639	
FEB			576			14			0			0			0		(ס	590	
MAR			482			2			0			0			0			5	484	
APR			594			9			0			0			٥			0	603	
YAM			739			,			0			0			0			0	740	
JUN			660			4			0			0			٥		3	0	664	
JUL			626			o			٥			٥			0		9	0	626	
AUG			596			0			0			0			0)	0	596	
SEP			651			2			1			0			٥)	0	654	
oct			617			10			0			٥			0		į	0	627	
NOV			709			6			0			0			0			0	715	
DEC			713			13			0			0			0			0	726	
YEAR		7	577			85			2			O			0			0	7664	

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT
OF DATA
VALID MIN 10 30 50 70 90 95 98 99 MAX MEAN

87.2 0 0.0 0.0 0.4 0.8 1.8 2.6 3.5 4.2 11 1.0

	STA	TION	- (C NO 4	4010		1298 R	REBECCA	ST	OAKV	ILLE					MONT	гн - ,	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 2 0 0 2 0 1 2	1 1 2 0 0 1 0 1 2	1 1 1 3 1 1 2 0 2 2	1 1 3 1 2 0 2 2	1 1 2 1 1 2 0 2 2	1 1 2 1 1 1 1 2	1 0 1 2 1 1 0 1 2	1 1 1 1 1 2 1 0 1 2	1 1 1 1 1 2 1 0 1 2	0 1 1 0 1 2 1 0 1	0 0 1 0 1 2 1 0 1	0 1 1 0 1 2 1 0 1	0 1 1 0 0 2 1 0 1 1	0 1 1 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 2 0 1 2 1 0	1 1 2 1 1 1 1 1	1 1 2 1 1 1 1	1 1 2 1 1 1 1	0 1 2 0 1 1 1 1 1	0 1 2 0 1 2 1 1 4 2	1 2 0 1 3 1 1 6 2	1 1 2 0 1 3 1 2 4 2	0 1 2 0 1 3 0 2 6 3	0 1 2 0 1 2 0 1 5 3	1 1 1 1 1 2 1 1 2 2
11 12 13 14 15 16 17 18 19 20	3 1 4 2 1 2 2 1 4 2	2 1 3 4 1 2 2 1 4 2	2 1 4 2 1 2 2 1 5 2	2 1 4 1 1 2 1 1 6 3	2 1 4 0 1 3 2 1 6 2	1 1 5 1 1 2 2 1 6 2	2 1 5 1 3 2 1 5 1	3 2 6 0 1 4 2 1 5 3	3 2 7 1 1 4 2 1 6 2	3 2 7 1 1 2 1 1 7 2	2 7 1 1 2 1 1 5	3 1 8 1 1 2 1 1 4 2	2 1 7 1 1 2 1 1 6 2	2 1 5 1 1 2 1 1 6 2	2 0 4 1 1 1 1 4 1	2 1 4 1 2 1 1 1 8 1	2 1 5 1 2 0 1 1 6 1	2 4 1 2 1 1 4 1	1 2 3 1 2 1 1 1 4 0	1 2 1 1 3 3 2 2 3 0	2 1 1 3 2 2 2 3 0	1 3 2 1 3 1 2 3 1	1 2 2 1 3 1 1 3 3	0 3 2 1 3 1 1 3 2 1	2 1 4 1 2 2 1 1 5
21 22 23 24 25 26 27 28 29 30	1 0 3 1 1 1 0 4 1	2 0 3 2 1 1 0 3 0	2 2 2 1 1 0 2 0	3 0 2 2 1 1 0 2 1	3 1 4 1 3 1 1 3 1	2 0 4 2 3 1 1 1 3 1	1 0 4 2 3 1 1 1 1 1 1	1 0 4 3 4 1 1 1 1 1 1	3 0 3 4 4 2 1 1	4 0 4 6 4 2 1 1 0 1	3 0 4 6 4 1 1 2 0 1	4 0 4 5 4 2 1 3 0	3 0 5 8 4 2 1 3 1	2 1 4 5 3 1 1 2 1	2 0 4 4 2 1 0 1 0 1	2 0 4 1 2 2 1 2 0 1	2040221300	1 0 3 1 1 2 1 3 1 1	1 0 1 1 1 2 0 3 0	0 0 4 2 1 1 0 2 0 1	0 0 3 1 **** 1 1 2	0 1 2 1 1 1 0 2 0	0 2 2 1 1 1 0 3	0 2 3 1 1 1 0 4 1 0	2 0 3 3 2 1 1 2 1
31 Mean	1	1	1	1	1 2	1 2	1	1	2	5 2	6 2	5 2	3 2	3	4	4	4 2	5 2	4	2	2	2	2	2	3 1.7

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	РО	LLUTA	ANT -	SULPH	HUR DI	OXIDE								UNITS	· o.	01 PA	RTS/N	ILLLIC	N						
	ST	ATION	٠.	C NO	44010)	1298	REBEC	CA ST	OAK	VILLE					MON	TH .	FEB	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	1 1 2 5 1	2 1 3 5 1 1	3 0 2 7 1	3 0 3 4 1	3 0 5 3 1 1	3 0 4 3 1 1	3 0 4 2 1 1 1 ****	4	4 1 5 1 2 1	4 1 5 1 2	4 1 5 1 3 1	4 1 3 0 3 1	4 0 4 1 0	5 1 4 **** 6 1	5 1 5 1 10 0 4	5 1 5 1 4	3 1 3	1 2 4 1 3	1 2 4 1 1 ****	1 2 5 1 2 0	0 2 4 1 4	1 2 4 1 4	0 2 4 1 2	0 2 4 1 2 0 4	3 1 4 2 3 1 2
8	2	2	****		3	5	2	2	3	1	****	****	****	****	****	****	****	****	****	****	1	1	****	****	*****
10	* * * *	****	****	****	****	****	***	****	****	****	****	****	* * * *	****	****	1	1	2	3	1	1	1	1	1	*****
11 12 13	1 0	0	1 1 6	1	0 1 5	0 1 3	0	0	2	0 1	0 2 0	0 4 0	****	****	****	0	0	0	****	****	0		0 ****	0	0 ****** 1
14 15	1	1 2	1	1	1	0	0	1	0	3	0	0	1	1 4	3 7	2	1	1 4	1 4	2	1 1 0	1 0	0	1 0	1 2
16 17 18	0 0 1	0			0	0	0		0 0 1	0 0 1	0 0 1	0	0	0	0	1	1 0	1	1	1 0	1 0	2	1	0	0
19 20	1	1	1	1	1	1	1	1	1	0	0	0	1	* * * *	0	0	0	0	0	1	2	2	0 2	1	1
21 22 23 24 25 26 27 28 29	1 0 0 5 0 0 0 0 0	2 0 3 1 0 0	2 2 0	0 0 3 1 1 0	0 2 0 1 1	3 0 1 1 0	3 1 0 1 0	0 2 0 1 1	0 0 1 0 1 0 0	0 0 0 1 1 0 0 0	0 0 2 5 1 0	0 0 1 2 1 1 0 0	0 1 2 1 1	0 1 1 1 1 0 0	1 1 0 0	0	0 1 1 3 1 0	1 1 4 0 0 0	0 1 0 0 2 0 0 1 0	2 0 0	0 0	1 0 2 0 1 0 0 0 0	00000000	0 1 0 0 0 0 0 0	0 1 2 1 1 0
MEAN	1	1	1	1	1	1	1	1	-1	1	1	1	1	1	2	1	1	j	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 88.1 PERCENTAGE OF DATA INVALID - 11.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- " " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

 LILTANT	CIII DUIID	DIAVIDE

	ŞT	MOITA		C NO	44010	1	1298	RESECC	ST	OAK	VILLE					MON	тн -	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2	0	0	0	0 7	C 6	0 5	0 5	0	0 4	0	0	0	0	0	0	0	0	0	1 2	2	2	3	2	5	1 3
3 4	0	1	1	1	1	1	1	1	0	0	••••	••••	0	0	2 0 0 5	0	0	0 1 5	0	0	0	0	0	0	0
5 6 7	0 4 6	3	3	0 3 2	0 3 1	3	0 3 1	3	3 2	0 3 2	3 2	3 3 2	5 2 2	2 2	2	2	2	2	2	3	2	2	2	2	3 2
8	1	1	1	1	0	0	0	1	3	1 2	1	2	0	0	0	0	0	000	0	000	000	0	0	2	1
10		1		1		1 ••••	••••		•••			3						2	3	4	3	2	2	2	•••••
12	1	1 2	1	1	1	1	1 5 2	1 5 2	1 5 1	1 1 3	1 1 3	0 2	1 3	1	1 2 4	1	1	1	1	1	0	0	0	1	2
14 15 16	0	0	0	2 0 0	0	00	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0 0	1	0	Ö 1
17 18	0	1	0	0	0	1	1 2	2	1 4 5	1 2 4	1 1 6	1 1 6	0 2 3	0 3 4	0 4 5	3	0 2 6	0 4 4	3 2	0 3 4	2 2	2	1 2 2	1	0 2 3
19 20	1	2	2	1	1	1	2	3	2	3	3	2	3	3	3	3	4	3	4	3	3	2	2	3	2
21 22 23	1 0 1	3 0 1	- !	3 1 3	2 1 3	1 1 3	1 1 2	1	2	1 3 1	1 6 0	1 4 0		0 1 1	1	0 1 2	0	0	0 1 3	0	0 1 1	0	0	0	1 2
24 25 26	2 3	2	3	1	2	1	4	4	2	3	3	3	1	1	0		3 1 0	4	3	3	3	4	0	3 0	3
26 27 28	0	000	1 0	0 1 0	0 2 0	1	1 0	1	1	0 1 0	0 1 0	0 1 0	1	0 1 0	2	0	1	0 1 0	1 0	0	0	0 0 0	0	0	1
29 30	1	0	1	1	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0
31	1	1	1	1	1	1	1	1	1	0	1	0	٥	••••	0		0	0	0	0	0	0	٥	0	0
MEAN	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

-- INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	- 0	POLEDIANI - SOLITION DIGITIES												511000000000		- 50	an new boxa									
	\$T	ATION		C NO	44010)	1298	REBEC	CA ST	OAK	VILLE					MON	тн -	APR	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	O	0	0	0	1	1	1	1	3		0	0	ĭ	1	1	1	1	1	0	٥	0	
2	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	
3	ō	0	0	0	O	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	
4	1	ō	ĭ	1	O	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	1	2	1	0	0	
5	Ó	ō	Ó	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	1	0	0	1	1	0	
6	1	1	ō	1	0	0	0	0			0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	
7	ò	Ó	ŏ	Ó	1	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1	0	0	1	1	1	
Ŕ	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	О	
9	1	1	- 4	1	1	1	1	2		4	4	2	2	2	2	2	2	1	2	2	2	2	1	1	2	
10	1	í	- 1	1	1	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1	3	1	1	1	1	
			-																							
11	1	1	1	1	1	1.	1	1	1	1	1	-1	0	- 1	1	1	2	2	1	1	1	1	1	1	1	
12	1	1	1	1	1	1	2	2	3	2	1	1	••••		••••	••••	• • • •			••••	****		****	****	*****	
13				1	- 1	1	1	1	1	0	1		- 1	1	1	2	1	2	1	2	2	2	2	1	1	
14	2	2	2	2	2	2	2	2	2	3	3	4	••••	1	1	2	2	2	3	3	2	2	2	2	2	
15	2	2	2	3	2	2	2	1	1	- 1	4	2	****	1	2	1	1	1	1	1	1	1	1	1	2	
16	0	0	0	0	0	0	0	0	0	0	0	0	٥	1	1	1	1	1	1	2	1	0	1	1	0	
17	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	- 1	0	0	0	0	1	
18	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0		
19	0	0	0	0	1	1	0	0	0	1	1	0	٥	0	0	0	0	1	0	0	0	0	0	0		
20	0	0	0	0	0	0	0	0	0	0	0	1	4	3	1	1	2	,	1	1	0	0	0	0	1	
21	0	•	1	1	1	0	0	0	0	0	1	1	1	1	2	2	2	1	1	1	1	1	1	0	1	
22	Ď	Ó	Ó	0	0	0	٥						****							****				****	*****	
23				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	
25	1	1	1	1	1	1	2	5	5	5	5	3	3	3	3	2	3	2	1	1	1	1	1	1	2	
24 25 26 27	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
27	0	0	0	0	0	0	٥	0	0	1	1	1	1	••••			• • • •		••••	****			• • • •	****	*****	
28									****				****					0	0	0	0	0	0	0	*****	
29	0	0	0	0	0	0	0	0	0	О	0	0	2	0	1	1	1	0	0	0	0	0	0	٥	0	
30	0	0	ō	0	0	0	0	0	1	1	1	0	0	0	1	2	2	2	2	1	1	0	0	0	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8	

PERCENTAGE OF DATA VALID - 90.4 PERCENTAGE OF DATA INVALID - 9.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. " *** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- 0	NO 4	4010		1298 F	REBECCA	ST	OAKV	ILLE					MON	TH - N	YAN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 1 1 0 1 2 0 0 1 0	0 1 3 0 2 1 1 0 1 0	0 0 1 0 3 1 1 0 1	0 0 0 0 2 2 1 0 1 0	0 1 0 0 2 1 0 0 1 0	0 1 0 0 1 1 0 0 2 0	0 1 0 0 1 0 0 1 0	1 2 0 0 1 1 0 0 3 0	1 1 0 0 2 1 0 0 2 1	1 1 0 0 2 1 0 0 2	1 0 0 3 0 0 0 2 1	1 1 0 0 2 0 0 0 2 1	000000000000000000000000000000000000000	1 1 0 0 4 0 0 0 1 1	1 1 0 0 5 0 0 0 1 2	1 1 0 1 4 0 0 0 1 2	1 1 0 2 4 0 0 0 1 5	1 1 0 2 2 0 0 0 1 3	1 1 0 2 2 0 0 0 1 3	0 1 0 1 2 0 1 0 0 2	1 0 0 1 2 0 0 0 0 2	1 1 0 0 3 0 0 1 0 2	0 1 0 1 3 0 0 3 0 2	0 1 0 2 1 0 1 4 0 1	1 1 0 1 2 1 0 0 1 1
11 12 13 14 15 16 17 18 19	1 0 1 0 0 0 0	1 1 0 2 0 1 1 0 0 0	1 0 0 1 0 0 0 0 0	1 0 0 1 0 0 0 0	1 0 0 1 0 0 0 0 0	1 0 0 1 0 0 0 0	1 0 1 1 0 0 0 0	1 0 4 1 0 1 1 0 0 0 0	1 2 2 1 1 1 0 0 0 0	1 2 2 1 1 1 1 0 0	1 1 1 1 0 1 7 0 0 1 1	1 1 1 1 1 0 0 0 1 1	0 0 0 0 1 1 0 1	1 1 1 0 0 1 1 0 0	1 1 1 1 1 0 0 1	0 0 1 1 1 1 0 0 1	0 0 1 0 1 0 0 0 0 1	0 0 1 0 0 0 0 1	0 0 1 0 0 0 0 1	1 0 1 0 0 0 0 1	1 0 0 0 1 0 0 0 0	1 0 0 0 1 0 0 0 0	1 0 0 0 1 0 0 0 0	1 0 1 0 0 0 0 0 0	1 0 1 1 1 1 0 0
21 22 23 24 25 26 27 28 29	000000011	0 0 0 0 0 1 1	0 0 0 0 0 0 0	0 0 0 0 0 0 1 1	0 0 0 0 0 0 1 1	0 0 1 0 0 0 0 1 1	0 1 1 0 0 0 0 0 1 1	0 1 0 0 0 0 0 0 1 1	0 1 0 0 0 0 0 1 1	0 0 0 0 1 1 0 1 1	1 0 0 0 1 1 1 1 1	0 1 0 0 0 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0	1 0 0 0 0 0 1 2 1	0 0 0 0 0 0 1 1 1 1 1	0 0 0 0 1 1 1 1	000001111	0 0 0 0 1 1 1 1	0 0 0 0 0 1 1 1 1	0 0 0 0 0 1 1 1 1	0 0 0 0 0 1 1 1 1	0 0 0 0 0 1 1 1 1 1	0 0 0 0 0 1 0 1 1	0 0 0 0 0 1 1 1	0 0 0 0 0 1 1 1
31	1	1	1	1	1	1	1	1	0	1	1	1	-		-		•	-	-	-	*	÷	-		*****
MEAN	0	1	0	0	0	0	0	1	1	11	1	1	0	1	1	1	1	1	1	ď	0	0	1	1	0.5

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.6

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUT	ANT	- 5	ULPH	HUR D	IOXID	E							UNITS	0	.01 PA	RTS/N	MILLIC	N						
	ST	OITA	٠ ١	0	NO.	4401	0	1298	REBEC	CCA ST	CAN	VILLE	:				MON	тн -	JUN	76						
HOUR DAY	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6	0	0		0	0	0	0	0	0	0	0	0		DATA DATA DATA DATA	I NVAL I NVAL I NVAL I NVAL I NVAL	.ID - .ID - .ID -	****	****	***	****	****	****	****	****	****	*****
7	****	****	***	* *	***	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	٥	0	٥	0	0	*****
9	0	0		0	0	0	0	0	0	0	0	0	1	1	2	1 2	1	1	1	1	1	1	1	0	0	0
10	1	1		1	1	1	0	0	1	1	1	i	1	1	1	1	1	1	2	1 2	1 2	2	1 2	9	2	1
		٠													7.61		3.0		•	2	2	2	2	2	~	31
11	2	2		2	1	1	1	1	1		1	1	1	1	* * * *	1	1	1	1	1	1	1	1	1	1	1
12	1	1		1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	1
13	1	1		1	1	1	1 9	1 2	1	1 2	1	1	1	* * * *	1	1	1	. 1	1	1	1	1	1	1	1	1
15	2	2		2	- 1	- 1	2	2	2	2	2	2	4		INVAL	ID -	****		****	****	****	***	****	****	****	*****
16	****	****	***	* *	***	****	****	****	****	****	****	****			2	2	2	2	2	2	2		4	2		*****
17	1	1		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2 2	2 2 1	2	'n		ò	1
18	0	0		0	0	0	0	1	0	0	0	1	****	****	0	î	1	2	2	2	2	1 2 1	0 2 1	0	2	1
19	2	2		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	ō	
20	0	0		0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
	-									-					1125		727	2	100							
21 22	0	0		0	0	0	0			0	0	0	* * * *	0	1	1	1	1	1	1	1	. 1	1	0	0	0
23	380			U	U	0	U	0	U	U	- 1	,		DATA	INVAL	TD -						****	****	****	****	*****
24	****	****	***	* 4	***	****	****	1	2	2	3	4	3		3	3	3	4	4	2		÷			1	•
25	1	1		0	O	0	0	o		2	o	1	1	Õ	1	0	1	1	0	- 2	0	'n	0	ń	ó	2
26	0	0		0	0	0	0	0		0	0	1	2	6	7	7	7	5	0 5 2	7	3	3	2	2	2	2
27	1	1		0	0	0	0	0	0	0	1	1	1	2	2	2	7 2	5	2	4	0 3 5 0	5	4	2	2	2
28	2	2		1	1	1	1	1	1	1	1	1	****	1	1	2		4	1	1	0	3 5 0	0	0	0	1
29	0	0		0	0	0	0	0	0	0	1	2	****	-	1	1	1	1	1	1	0	0	1	1	0	
30	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 66.3 PERCENTAGE OF DATA INVALID - 33.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - *- INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

DAY	23 24 MEAN 0 0 0 0 0 0 0 0 0 1 1
	0 0 0
2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
3 1 1 0 0 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0	
6 1 1 1 0 1 0 0 1 1 1 1 1 1 1 2 1 1 2 2 1 1 0 7 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 1 1 1 2 2 1 1 0 0 0 0	0 0 1
9 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1	0 0 0
11 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1	1 1
13 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 0 1 0 0 0 1 0 1
16 0 0 0 0 0 0 0 0 1 2 1 1 1 1 1 1 1 0 0 0 0	0 0 0
19 0 0 0 0 0 0 0 1 1 1 1 1 **** 1 1 2 1 2 3 3 4 4 2 2 0 1 1 1 1 3 4 2 1 2 2 2 3 3 2 5 6 6 6 7 4 2 2 1	2 1 1 1 1 1 3
21 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1	0 0 0
24 1 0 0 1 1 0 0 1 0 0 0 1 1 1 1 1 1 1 1	0 1 1
26 0 0 0 0 0 0 0 0 1 - 1 2 2 2 2 3 4 5 6 5 5 8 27 2 2 2 1 1 1 1 1 1 1 1 1 1	7 3 2 0 0 1 1 1 1
29 0 0 0 0 1 1 1 1 2 2 1	1 1 ******
31 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 MEAN 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0

PERCENTAGE OF DATA VALID - 88.4 PERCENTAGE OF DATA INVALID - 11.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULP	HUR DI	OXIDE								UNIT	s - o	.01 P	RTS/N	ILLIO	N							
	ST	ATION		C NO	44010)	1298	REBEC	CA ST	OAH	KVILLE					MON	ITH -	AUG	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3	0	0	0	0	0	0000	000	0	0 2	0000	0000	0000	0		0		1 1 2	1 1	0 1 2	0 1	0 0	0 0 2	0 0 2	0		0
4			0		0		****						1	3	2	2	2	1	1	1	0	0	0	0		
6	0	0	0	0	0	0	0	0	0	0	0	0	0				1	0	0	1	0	0	0	0		0
7	0	0	0	1	0	0	1	1	0	0	0	0	0				0	0	0	0	0	0	0	0		0
9	0	0	0	0		0	0	0	0	0	0	0	••••	• • • •			••••		••••	* * * *	• • • •					
10	• • • •	••••	• • • •	••••		••••	••••	****			****	-	• • • •	2	2	3	4	4	4	3	2	2	1	1	****	
11	1	1	0	0	0	0	1	1	1	2	3			2	2	3	4	4	4	4	3	3	3	2		2
12	2	8	8		9	5	3	2	3	3	2	2	••••	1	3	4	4	2	3	4	2	2	2	2		3
13	2	2		2		1	1	2	1	2	3	1	2	2	2	2	!	1	1	1	1	1	0	0		1
14	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	0	0	0		1
15 16	ò	0	0	,	1	1	1	1	,	1	1	ò	i	1	1	ò	o	1	1	ō	ò	ő	ō	ō		1
17	ō	ō	ŏ	o	0	0	0	0	0	• • • •	••••	••••	****	• • • •	••••		• • • •	••••	••••	••••	••••	••••	****	••••	****	• •
18	****	****	****	****	****	••••	••••	****	••••	****	••••	2	1	3	2		2	2	2	2	1	1	1.	1	****	1
19 20	0	0	0	0	ò	ò	,	2	3	3	3	••••	ő			ő		ō	o	ő	ó	ò	ò	ò		1
21	0	0	0	0			0	0		0		0				0			0	0		0	0	0		0
22	0		0				0			0		0			0	0	0	0	0	0	0	0	0	1		0
23	0	0					0		0	1		0	1	1	1	1	1	1	1	- 4	0		0	ò		1
25	ė						ő		2	2			2	2					2	વં	1	1	1	1		1
26	1	1	1	1	1	1	1	1	1	1	1	2							2				3	4		2
27	4	3		1	1	1	1	1	2	2		2		3				4	3	3	3	2	2	1		2
28	2	3	2	2			0	2	2	0		2		0				0	0	ò	0	ò	ò	ď		ó
30	ó	ò	ò				ō		1	1	1	1	1	1	1	1	1	1	1	1	1	ō	0	C		1
31	٥	0	0		0	0	0	0	3	3	2	3	3	3 4	3	3 3	3	3	3	5	3	2	3	3	i	2
MEAN		i	1			0	1	1	1	1	1	1		1		1	2	1	1	1	1	1	1	,	0	. 9

PERCENTAGE OF DATA VALID - 88.8 PERCENTAGE OF DATA INVALID - 11.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - *- * INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- 0	: NO 4	14010		1298	REBECC	A ST	OAK	ILLE					MON.	rH - 9	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	3 0 0 3 0 0 1 0 0	2003000100	2009000100	1 0 1 4 0 0 0 1 0 0	1 0 0 4 0 0 0 0	1 0 0 4 0 0 0 0 0	1 0 0 2 0 0 1 0 0	1 2 1 5 0 1 1 1 0 0	1 3 1 5 0 1 1 1 0	1 1 2 0 0 2 1 1 0	1 1 2 0 0 3 2 1 0	**** 1 2 1 1 2 3 1 1	1 0 **** 2 1 1 **** 6 1 1	1 0 2 1 0 3 3 1	0 0 2 1 1 0 2 4 1	0 0 2 1 0 1 1 3 1 0	0 0 3 1 0 0 2 2 1 0	0 1 3 1 0 0 3 2 1 0	0 1 3 1 0 0 4 2 1	0 1 4 1 0 0 4 2 2 1	0 1 3 1 0 0 1 1 2 1	0 1 3 1 0 0 1 1 1 1 1	0 0 3 1 0 0 1 1 1 1 1	0 0 3 1 0 0 1 1 0 1	1 1 2 2 0 0 1 2 1 0
11 12 13 14 15 16 17 18 19 20	0 1 2 2 4 1 1 0 0 1	0 0 1 2 4 1 0 0 1 1	0 0 1 1 3 1 1 0 1 3	0 0 1 1 2 1 0 0 1 2	0 0 1 1 2 1 0 0 0 1	0 0 1 1 2 0 0 0 1 1	0 0 1 1 0 1 1 1	2 1 **** 1 2 0 1 0	1 1 3 1 2 1 0 0	1 2 3 2 2 0 0 0 1 1	1 2 2 3 3 1 0 0 1 1	1 2 3 4 3 0 0 0 1 1	1 2 4 3 1 0 0 1 1 1 1	1 1 4 2 **** 0 0 1 1	1 1 3 3 1 0 0 1 1	1 1 2 2 1 1 0 1 1 0	1 1 2 2 2 1 0 1 1 0	1 1 2 3 2 1 0 1 1 0	1 1 2 4 2 1 0 1 1 0	1 1 2 5 2 1 0 1 2 0	1 1 2 3 2 1 0	1 2 2 2 2 1 0 1 1 0	1 1 2 2 1 1 0 1 1 0	1 1 2 3 0 1 0 1 1	1 1 2 2 2 1 0 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 1 0 0 1 0 3	1 0 1 0 2 0 0 1 0 1	0 1 0 1 0 0 1 1	0 2 1 0 0 1 0 1	0 3 1 0 0 1 0 0	0 2 1 0 0 2 0 0 0 0	1 1 2 1 0 2 0	0 1 1 1 1 1 1 1 0 3 0	0 2 3 1 1 2 1 0 1 1	1 1 2 1 1 1 1 0 1	1 1 2 1 2 1 0 1 1 1	1 1 1 **** 2 1 **** 2 0	1 1 1 2 1 0 2 1	1 1 1 1 2 1 0 1	1 0 1 1 2 1 0 1 1	1 0 0 1 1 1 0 1	1 0 0 1 1 1 0 1 1	1 0 0 1 1 0 1 0	1 0 0 1 1 0 0 0 2	0 0 0 0 1 1	0 0 0 1 1 0 0 2 5 1	0 1 0 1 1 0 0 0 2 1	0 1 0 0 0 0 3 0	0 1 0 1 0 0 1 0 3 0	0 1 1 1 0 1 1 1

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANI	r - s	ULPH	UR DIO	XIDE								UNITS	- 0.	.01 PA	RTS/M	ILLIO	N						
	STA	TION -		NO.	44010		1298 F	REBECC	A ST	OAKV	/ILLE					MOM	тн - с	OCT	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24)	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 0 1 0 2	0 0 1 0 0 0 1	0 0 0 0 1 0 0 0 1	0000010011	0 0 0 0 1 0 0 0 1	0 0 0 0 1 0 0 1 1	1 0 0 0 0 2 0 0	1 0 1 0 0 2 0 0 1 1	3 1 1 0 1 2 0 0	2 1 2 0 1 2 0 0 0 1	1 2 0 1 2 0 1 1 1	1 2 2 0 1 3 0 2 0 1	**** 2 1 **** 1 2 0 ****	4	1 2 1 0 1 2 4 2 0	1 1 0 1 1 1 3 1	1 1 2 0 1 1 1 3 0	1 1 1 1 1 1 1 1 0 1	1 1 1 1 1 1 1 0	1 1 1 1 1 0 1 0 0	1 1 0 1 0 0 0 0 1	1 1 1 1 0 0 0 0 1	1 1 1 0 0 0 0 0 1	0 1 1 0 0 0 0 1 1	1 1 0 1 1 0 1 1 0 1
11 12 13 14 15 16 17 18 19	1 0 1 1 1 1 1 1	0 0 1 0 1 1 1	0 0 1 0 1 1 1 0	0 0 2 0 1 1 1 1 1 2	0 0 1 1 0 1 1 1	0 1 1 1 1 1 0 .1 0 2	0 1 1 1 1 0 0 0	1 2 1 1 3 1 0 1 1	2 2 1 0 3 1 0 0 1	3 1 1 0 2 1 1 0 1 1	2 1 2 0 2 1 1 0 1 2	2 2 1 0 2 0 2 0 1 2	1 1 2 1 2 0	1 2 ****	1 0 1 0 2 1 2 0 1 2	1 0 0 0 1 1 1 0 1 2	1 0 1 1 0 1 3	1 0 1 0 1 1 1 0 1 3	1 1 0 1 0 1 0 1 0	1 0 1 0 1 0 1 1	1 0 0 0 1 0 1 2	1 3 0 0 1 1 1 0	1 2 1 0 1 1 1 0	0 1 1 0 1 0 0 1 1 1	1 1 1 0 1 1 1 0 1 2
21 22 23 24 25 26 27 28 29 30	1 1 0 2 2 0 0 0 1 2	100000000000000000000000000000000000000	1 0 0 0 2 1 0 0 1 2	1 0 0 0 1 0 0 0 3	1 0 0 0 1 1 0 0 0 2 1	1002100012	1 0 0 3 0 0 0 1 1 2	1 0 0 2 1 1 0 5 1 2	1 0 0 1 2 0 0 5 2 2	1 0 0 1 2 1 1 1 2 2	0 0 1 2 2 1 1 ****	**** 0 0 1 2 3 0 1 1 3	1 **** 0 1 **** 2 1 1 1 1 3	***** 0 1 1	2 ***** 0 1 1 1 1 1 2 2	2 **** 0 1 0 1 1 1 1 2	2 0 1 0 1 1 1 1 3	1 0 0 1 0 0 1 2 1 4	1 0 1 2 0 0 0 5 2 3	1 0 1 1 1 0 0 8 5 3	1 0 1 1 0 0 3 2 3	1 0 1 1 1 0 0 2 4 2	1 0 1 1 0 0 0 2 3	1 0 2 1 0 0 0 2 1 1	1 0 0 1 1 1 0 2 2
31	2	2	3	3	2	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	i
MEAN	1	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

	STA	TION		C NO	44010	1	298	REBECCA	ST	OAKV	ILLE					MONT	rH - N	VOV	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 1 2 1 1 0 1	1 1 1 1 1 1 0 1 1	1 1 2 1 1 0 1 1	0 1 2 1 2 1 1 0 1 1	0 1 2 1 1 2 1 0 2 1	0 1 2 1 1 4 1 0 2 1	0 1 2 1 2 4 1 0 2 1	0 2 2 1 2 4 1 0 1	0 3 2 2 2 3 0 0 1 1	0 3 2 2 2 2 2 0 0	1 4 2 1 1 2 1 0 2 1	3 2 1 1 2 1	5 1 1 1 1 1	0 4 1 1 1 1 0 4	0 4 1 2 1 1 1 1 5	0 4 1 2 1 2 1 1 5 0	1 4 1 2 1 1 2 1 1 4 0	1 3 0 1 1 2 1 0 4 0	1 2 0 1 1 3 0 0 3	1 2 1 2 0 0 3 0	1 1 1 0 0 4 0	1 5 1 1 1 0 0 2 0	1 2 1 1 1 1 0 0	1 2 1 1 1 0 0	1 3 1 1 1 2 1 0 2
11 12 13 14 15 16 17 18 19	0 1 1 1 1 1 1 0 0	0 1 1 1 1 1 1 0 0	0 1 1 1 1 1 1 2 0 0	0 1 1 1 1 1 2 3 0 0	1 1 3 2 0 1	1 0 1 1 2 1 3 3 0	1 0 2 1 1 0 3 3 0	1 0 4 2 1 0 3 4 0	0 1 5 1 1 2 5 0	0 1 1 1 1 1 2 2 0 0	0 1 1 1 1 1 3 1 0 0	0 1 1 1 2 3 1 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 4 0 0 0 1	0 1 1 0 1 1 5 0	0 1 1 0 1 1 6 0	0 1 1 1 5 0 1 1	1 1 1 1 1 5 0	1 1 0 2 1 1 7 0	0 1 0 2 1 3 5 0	0 1 2 1 5 4 0 0	0 1 1 2 5 3 0 1	0 0 2 1 1 2 2 0 1	0 1 1 1 1 1 2 0 1 0	011111111111111111111111111111111111111
21 22 23 24 25 26 27 28 29	0 0 1 1 1 1 0 0	0 0 1 1 1 1 0 0	0 0 0 1 1 2 2 1 0 1	0 0 0 1 2 3 2 1 0 1	1 0 0 2 3 2 0 0	1 0 1 0 1 3 1 0 0 0	3 0 0 0 1 3 1 0 0 0	4 0 0 1 0 2 2 0 0 0 0	3 0 0 1 1 2 2 0 0	2 0 0 1 2 1 2 0 0 0	1 0 0 1 1 1 4 0 0 0	1 0 0 1 1 1 5 0 0	0 0 0 1 1 1 1 0 0 0 0	1 0 0 1 2 1 1 0 0 0	1 0 0 1 2 1 1 0 0	1 0 0 1 3 1 1 0 0 0	1 0 0 1 3 1 0 0 0	321000	0 0 0 0 4 2 2 0 0 0	0 0 0 1 2 2 1 0 0 0	0 0 0 1 2 1 0 0 0	0 0 0 1 2 1 1 0 0 0	0 0 1 1 2 1 1 0 0 0	0 0 1 1 2 2 1 0 0 0	1 0 0 0 1 2 2 2 0 0 0 0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	Ť	1.0

PERCENTAGE OF DATA VALID - 99.3

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS . 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - DEC 1298 REBECCA ST OAKVILLE HOUR 24 MEAN DAY 4 1 0 1 12345678910 1123145617890 122324567890 0 20 3 1 3 0 1 1.3

PERCENTAGE OF DATA VALID - 99.2

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

YEAR

7972

163

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

8135

STATION -	C NO 44010 1298 REBECCA	ST OAKVILLE		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.7	5	8
FEB	25	1.1	4	10
MAR	30	1.2	3	7
APR	26	0.8	2	5
MAY	30	0.5	2	5 ,
JUN	18	0,9	2	7
JUL	27	0.7	3	8
AUG	25	0.9	3	9
SEP	30	0.9	2	9
ост	31	0.9	2	8
NOV	30	1.0	3	7
DEC	31	1.3	4	9
YEAR	334	1.0	5	10

STATION -	C NO	4401	0	1298	RE	BECC.	A ST	OA	KVIL	LE				
MONTH	00 T(0 04	05 TO	10	11	TO 1	4 15	ТО	25	26	TO 39	40	&OVER	TOTAL
NAU		703		36)		0		0		0	739
FEB		588		25		3	0		0		0		0	613
MAR		691		24			C		0		0		0	715

FEB	588	25	0	0	0	0	613
MAR	691	24	0	0	0	0	715
APR	647	4	0	0	0	0	651
MAY	725	2	0	0	0	0	727
JUN	467	10	0	0	0	0	477
JUL	647	11	0	0	0	0	658
AUG	656	5	0	0	0	0	661
SEP	706	6	0	0	0	0	712
oct	724	5	0	0	0	0	729
NOV	700	15	0	0	0	0	715
DEC	718	20	0	0	0	0	738

FREQUENCY	DISTRIBUT	ION BY	PERCENTILES									
	PERCENT					CONCEN	TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	92.6	0	0.0	0.0	0.3	0.8	2.0	2.9	4.0	4 9	10	1.0

0

UNITS - 0.01 PARTS/MILLION

	STA	TION	- с	NO 4	48002	•	MTC Y	ARD 9	STOL	JFFVIL	LE					MONT	н - Ј	UN	76						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9												- DAT	A UNA A UNA A UNA A UNA A UNA A UNA A UNA	VAILA VAILA VAILA VAILA VAILA VAILA	BLE - BLE - BLE - BLE - BLE - BLE - BLE -										
11 12 13 14 15 16 17 18 19 20												- DAT	A UNA A UNA A UNA A UNA A UNA A UNA A UNA	LVAILA	BLE - BLE - BLE - BLE - BLE - BLE - BLE -										
21 22 23 24 25 26 27 28 29 30	2 2 1 1 0 1 0 1	2 2 1 1 0 1 0 1	2 2 1 1 0 1 0 1	2 2 1 1 0 1 0 1	2 2 1 1 1 1 0 1	4 2 1 1 1 1 0	1 1 1 0 1	3 2 1 1 1 1 0	3 1 1 1 1 1 1 0 1	3 1 1 2 1 1 0	3 2 1 2 1 1 0 1	4 2 1 2 1	4 2 1 2 1 1 1 1	1 3 3 1 2 1 1 1 1 1 1 1	BLE - 2 3 5 1 2 1 1	3 6 1 2 2 1	3 5 1 2 2 1 1 1	3 3 5 1 2 2 1 1 1	3 2 1 1 1 0	3 2 1 1 2 0 1	2 3 2 1 1 0 1	2 3 1 1 1 1 0 1	1 3 1 1 1 1 0 0	2 2 1 1 0 1 0 0 1 1	3 2 1 1 1 1 0
MEAN	1	1	1	1	1	1	1	Ť	1	1	1	2	2	2	2	2	2	2	1	2	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 28.1

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 71.8

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- SI	JLPHU	JR DI	OXIDE								UNITS	. 0.	01 PA	RTS/M	LLION	N						
	STA	TION -	С	NO 4	18002		•MTC	YARD	9 510	UFFVI	LLE					MON	тн - ,	JUL	76						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	1 0 0 0 1	1 0 0 0 0 1 2 1 0 1	1 0 0 0 0 0 2 2 1 0 1	10000	1000012000	1 0 0 0 0 1 1 0 0 0	1 0 0 0 0 1 1 0 0 0	1 0 0 0 0 1 2 0 0	1 0 0 0 1 1 1 1 1 0 1	0 0 0 0 0 2 1 1 0 1	1 0 0 0 1 2 2 2 0 1	10000022101	1 0 0 0 1 6 1 0 0	1 0 0 1 1 5 1 0 1	1 0 0 1 2 4 1 0 1	1 0 0 1 1 2 2 0 0 1	1 0 0 1 1 2 1 0 2 1	0 0 0 1 1 2 1 0 3 1	0 0 0 1 1 1 1 0 2	0 1 0 1 1 1 0 2 1	0 1 0 0 1 1 0 1 1	0 1 0 0 1 1 0 1 1	0 1 0 0 0 2 1 0 1 0	1 0 0 0 0 1 1 2 0 1 1
11 12 13 14 15 16 17 18 19	1 0 0 1 0 2 0 0 1	0 0 1 0 2 0 1	0 0 1 0 0 0 1	0 0 1 0 0 0 1	0 0 1 0 0 0 1	0 0 1 0 0 0 1	000001	0 0 0 1 1 0 0 0 1	0 0 0 1 1 0 0 0 1	0 1 1 1 0 1 1	0 1 0 1 1 1 1 1 1 1	0 0 1 1 1 1 1 1 1 1 1 1	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 2 1 1 1 2 2	1 0 2 1 2 1 1 1 1 2	1 0 2 1 2 1 1 1 2 2	1 0 1 1 2 1 1 1 1 2	1 0 2 1 2 1 1 1 1 2	0 0 2 1 2 1 1 1 1 2	10212111112	0 0 2 0 2 1 1 0 1 2	1 0 2 0 2 1 1 0 1 2	0 0 3 0 1 0 1 0 1 2	0 0 0 1 0 1 2	0 1 1 1 1 0 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 1 0 2 0 0	2 1 1 1 1 0 1 0 0 1 1	2 1 1 1 0 1 0 0 1	2 1 1 1 0 1 0 0	1 1 0 0 1 0 0 1	1 0 0 1	1 0 0 0 0 1	2 2 1 1 0 0 1 0 0 1	1 1 0 1 0 0 0 2	2 2 1 1 0 2 0 0 0	1 2 1 1 0 3 0 0 0 2	1 0 3 0 0 0 2	1 1 1 0 0 0 2	2 2 1 1 1 2 0 0 0 2	1 1 1 0 0 0 2	2 2 2 1 1 1 0 1 0 3	1 1 1 0 0 0 3	1 1 0 0 0 3	2 1 1 1 0 0 3	2221120003	1 1 1 2 0 0 0 3	1 1 2 0 0 0 2	1 1 0 2 0 0 0 2	1 1 0 1 0 0 0 2	2 2 1 1 1 1 0 0 0
31	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	,	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 98.4

PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- c	NO 4	18002	7	MTC Y	ARD S	STO	JFFVIL	LE					MON	rH - ;	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 0 0 0 1 1 0 0 0 0	1 0 0 0 1 1 0 0 0 0 0	1 0 0 0 1 0 0 0 0	1 0 0 0 1 0 0 0	0 0 0 1 0 1 1 0 0	0 0 0 1 0 0 1 0 0	00000000000	0000000000	0000000000	0 0 0 1 2 0 0 0 0	0 0 0 1 2 0 0 0 1	0 0 0 1 2 0 0 0 1	1 0 0 1 2 0 0 0 0	1 0 1 1 2 0 0 0 0 0 0	1 0 0 1 2 0 1 0 0	1 0 0 2 2 0 1 0 0 1	1 0 0 2 1 0 1 0 0 1	1 0 0 2 2 0 1 0 0	2 0 0 2 2 0 1 0 0	2 0 0 2 2 0 1 0 0 1	1 0 0 2 1 0 0 1	1 1 0 2 1 0 0 0 0 1	0 0 0 1 1 0 0 0 1	0 0 0 1 1 0 0 0 1	1 0 0 1 2 0 0 0 1
11 12 13 14 15 16 17 18 19	1 1 0 0 1 1 1 1	1 3 1 1 0 0 0 1 1 1 1	1 3 1 1 0 0 1 1 1 1 1	1 3 1 1 0 0 1 1 1 1 1	1 3 1 0 0 1 1 1	2 2 1 1 0 0 1 1 1 1 1	2 2 1 1 0 0 1 1 1 1 1	2 2 0 1 0 0 1 1 1 1 1	3 2 1 1 0 0 1 1 2	5 3 1 1 0 0 2 1 2 1	5 2 1 1 0 0 2 1 2 1	7 2 1 1 0 0 3 1 1 2	6 2 2 0 0 1 1 1 1 2	4 1 1 1 0 1 0 1 1 3	4 2 2 1 0 1 1 2 1 3	4 2 1 1 0 1 1 2 1 3	5 2 1 1 0 1 1 2 1 3	5 2 1 1 1 1 2 1 3	5 2 1 0 0 1 1 2 1 3	5 2 1 0 0 0 1 1 1 2	5 2 1 0 0 0 1 1 1 2	4 1 0 0 0 1 1 1 2	4 1 1 0 0 0 1 1 1 2	4 1 1 0 0 0 0 1 1 1 2	4 2 1 0 0 1 1 1 2
21 22 23 24 25 26 27 28 29	1 2 2 1 0 0 1 1 1	1 2 2 0 0 0 1 1 0 0	2 3 2 0 0 0 1 1 0 0	2320001100	2 3 2 0 0 0 1 1 0 0	2310000100	2 3 2 0 3 1 1 0 0	4 3 1 0 9 1 1 1 0	4 3 1 0 1 1 1 0 0	4 3 1 0 0 1	5 3 1 0 0 1 1 1 0 0	4 3 1 0 0 1 1 1	3 3 1 0 1 2 2 2 0 0	3 3 1 0 1 1 2 2 0 1	3 3 1 0 2 3 1 1 0 2	3 3 1 0 2 3 1 1 0 2	3 1 1 2 1 1 0 1	3 1 1 1 2 2 1 0	3 2 1 0 1 2 2 1 0	3 2 1 0 1 2 1 0 0	3 2 1 0 0 1 1 1 0 0	2 2 1 0 0 1 1 1 0 0	2 3 1 0 0 1 1 1 0 0	2 3 1 0 0 1 1 0 0 0	3 3 1 0 1 1 1 1 0 0
31	0	0	0	0	0	0	0	0	0	0	1	1	***	1	1	2	2	2	2	2	1	1	1	1	1
MEAN	1	1	-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POL	LUTA	MT -	SULP	HUR D	OXIDE								UNITS	- 0.	01 PA	RTS/N	11 L L I O	N						
		STA	TION	(-)	C NO	4800	2	*MTC	YARD	9 510	UFFVI	LLE					MON	тн -	SEP	76						
HOUR Day		1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9		1 0 0 3 1 0 *	1 0 0 3 1 *** 0 1 2	1 0 0 3 1 0 0 1 2 1	0 3 1 0 0	1 0 0 3 1 0 0 1 1 1 1	1 0 1 2 1 0 0 1 2 1	1 0 2 1 0 0 1 2 1	0 0 0 2 1 0 0 1 2 1	0 0 0 2 1 0 1 2 3 1	0 0 0 2 1 0 1 2 4 1	0 0 1 2 1 0 1 2 5	0 0 1 2 1 0 1 3 5	0 0 1 2 1 1 1 1 4 0	0 0 1 2 1 2 1 2 3 0	0 0 2 1 1 0 1 2 3 0	0 2 1 1 0 0 3 4	0 2 1 1 0 0 3 4	0 0 2 1 1 0 1 3 3 0	0 0 2 1 1 0 1 2 3 0	0021001220	0 0 3 1 1 0 1 2 2 0	0 0 2 1 0 0 1 3 2 0	0 0 3 1 1 0 1 3 2 0	0 0 2 1 1 0 1 3 2 0	0 0 1 2 1 0 1 2 3
11 12 13 14 15 16 17 18 19 20		0 0 0 1 3 0 1 1 1 0	0 0 0 1 2 1 1 1 1 1	000000000000000000000000000000000000000	0	0 0 0 2 1 1 1 1 0	0 0 0 0 2 1 1 1 1	0 0 0 0 2 1 1 1 1 0	0 0 0 2 1 1 1 1	0 0 0 2 1 1 1 1	0 0 0 0 2 1 1 1 1 1 1	0 0 1 0 2 2 1 1 1 1 1 1	0 0 1 0 2 2 1 1 2 0	0 0 1 0 1 1 1 1 1 0	0 0 1 **** 2 1 1 1 1 0	0 0 1 0 2 1 1 1 0	0 0 1 2 2 1 1 1 1 0	1 0 1 2 2 1 1 1 1 0	2 0 1 2 2 1 1 1 0	1 0 1 2 2 1 1 1 1 0	1 0 1 2 2 1 1 1 1 0	1 0 1 2 2 1 1 1 1	1 0 1 3 2 2 1 1 1	1 0 1 3 2 2 1 1 0	1 0 1 3 2 2 1 1 1	0 0 1 1 2 1 1 1 1
21 22 23 24 25 26 27 28 29 30	***	o * *	***	****	****	****	****	****	****			****	****	DATA DATA DATA DATA DATA DATA	I NVAL I NVAL I NVAL I NVAL I NVAL I NVAL	ID - ID - ID - ID -		****	000	000	0 0	0 0	000	****	0 0	*****
MEAN		1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 71.1 PERCENTAGE OF DATA INVALID - 28.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- " " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	. (: NO	48002	1	*MTC	YARD	9 510	UFFV	LLE					MON	ITH -	OCT	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	3 14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0000	0 0 0	000	000		0000		••••		0 0			DATA DATA DATA DATA DATA		LID - LID - LID -					••••			000	0000		•
11 12 13 14 15 16 17 18 19	i	i	- 1	i	ĩ	î	ī	i	ī	· 1	- 2	- D. - D. - D.	DATA DATA LATA LATA LATA LATA LATA LATA	A INVA A INVA A INVA UNAVAI UNAVAI UNAVAI UNAVAI	LID - LID - LABLE LABLE LABLE LABLE	:	1 1	1 1	1 0	1 0	1 0	1 0	1 0	1 0	*****	
21 22 23 24 25 26 27 28 29	1 0 0 1 1 1 0 0 0	1 0 0 0 1 1 0 0 0	1 0 0 0 0 0	1 0 0 0 0 0	0 0 1 1 1 0 0	10000	0 1 0 0	0 0 0	00000	00000110001	1 1 0 1 1 0	1 1 0 0 1	,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 1 1 0 0 1	1 0 1 1	1 1 0 1 1 0 0 1	1 0 1 0 0 0 2	0 0 1 1 1 1 0 0 0 2	0 0 1 1 1 0 0 0 1	0 0 0 0 1 1 0 0 0 1	0 0 0 1 1 0 0 0 1	0 0 1 1 0 0 0 1	000000000000000000000000000000000000000		1000011
31 Mean	1	0	1	0	950	0				1 0	1	1		1 1 1 1	1	1	1	1	1	1	1	0	0	1		1

PERCENTAGE OF DATA VALID - 49.9

PERCENTAGE OF DATA INVALID - 30.8

PERCENTAGE OF DATA UNAVAILABLE - 19.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- 5	ULPHU	R DIO	XIDE							U	NITS	0.0	1 PAR	TS/MI	LLION	N.						
	STAT	ION -	c	NO 4	8002	•1	ATC Y	ARD 9	STOU	FFVIL	LE					MON1	H - N	ov	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8	1	0	1	0	0	0	0	0	0	1	0	O 2 - DATA	LUN A	VAILA VAILA VAILA	BLE - BLE - BLE -		0	0	0	0	0	0	0	1	0
9 10	1	i	1	0	0	ô	0	ò	0	ō	0	0	1	2	1	1	2	2	1	1	1	0	0	0	1
11 12 13 14 15 16 17 18 19	1 1 0 0 0 0 0 0 0 0 0	0 1 1 0 1 0 1 1 1	0 1 0 0 0 1 0 0 1	1 1 0 0 0 0 0 0 1	0 1 0 0 0 0 0 0 0 0 1	0 1 0 0 0 0 0 0 1	0 0 0 0 0 0 1	0 1 1 0 0 0 0 0 0 1	0 0 0 0 0 1 0 0 1	1 0 0 0 0 1 0 0 1	1 1 0 0 0 1 0 0 1	1 1 0 0 1 1 0 0 1 1	1 0 1 1 0 1 3 0 0 1	3 0 0 1	1 0 1 1 0 0 4 0 0 1	1 0 1 0 0 0 3 0 0 1	0 0 1 0 0 0 3 0 0 1	0000004	0 0 0 0 0 3 0 0 1	0 0 0 0 0 3 0 0 1	0000000000	0 0 0 0 0 1 0 0 2	0 0 0 0 0 1 0 0 2	0 0 0 0 1 0 0 2	0 0 1 0 0 0 2 0 0
21 22 23 24 25 26 27 28 29	2 0 0 0 0 0 1 1 1 1	2 1 0 0 1 0 1 1 1 1 1	2 1 0 1 1 0 1 1 1 1 1	2 1 0 0 0 0 0 2 1 1 1	2 1 0 0 0 0 2 1 1 1 1	00000	0 0 0 1 0 1 0	000000000000000000000000000000000000000	1 0 0 0 0 0 1 0	1 0 0 0 1 1 1 0	1 0 0 0 0 1 2 0 1 0	1 1 0 0 0 0 0 2 1 1 0	1 0 1 1 0 1 1 0 0	1 0 0 1 1 1 1 0	1 0 0 0 1 1 1 1 0	1 1 0 0 0 0 1 1 1 0	1 1 0 0 0 1 1 1 0	1 1 0 0 0 0 1 1 1 0	0 0 0 1 1 0 0	1 0 0 1 1 0 0	0 0 0 0 1 0 0 0	0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	1 1 0 0 0 0 1 1 1 0 0
MEAN	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 76.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 23.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	- (NO.	48002		*MTC	YARD	9 STO	UFFVI	LLE					MON	NTH -	DEC	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8	0 2 0 1	1 1 0 1 1	1 1 0 0	0 0 0	0 1 0 0 0	0 0 1 0 0	0 0 1 0 0	0 0 1 0 0	0 1 1 0	0 1 1 0 0	1 1 1 1 0	3 1 1 1 0	3 1 1 0 DATA DATA	2 1 1 1 0 INVAL	2 0 1 0 1D -	2 1 0 1 0	2 1 0 1	2 0 0 1 0	4 0 0 0	0 0 0	1 0 0 0	0 0 0	1 0 1 0 0	20011		
9	0	1	1	1	2	3	3	2	1 5	1	0 2	1	1	0	1	1	1	0	0	0	0	0	0	0	1	
11 12 13 14 15 16 17 18 19	0 1 1 0 1 1 2	0 2 1 1 1 1 1 2	0 2 1 2 1 1 1	0 1 5 1 2 1 2	1 1 7 1 2 1 2	0 1 7 0 1 1 2	0 1 1 4 0 0 1 2	0 1 1 2 0 0 1 2	0 1 1 0 0 1 2	0 1 0 1 0 1 1 2	0 1 0 1 0 1 1 2		1 1 2 1 ****	1		3 1 1 0 0 0 1 1 1 1 1 1	1 1 0 0 0 2 1	6 0 1 0 1 2 1	6 0 1 0 2 2 2 2	3 0 1 0 2 2 2	1 0 1 0 2 2 2 2 2	1 0 0 0 2 2 1	1 0 0 0 2 2 1	1 1 0 0 0 2 2 2 1	1	
21 22 23 24 25 26 27 28 29 30	**** 4 1 1 0	3 1 1 0	3 0 0 1 1	**** 3 0 0 1	***** 3 0 1 0	**** 3 0 1 0	**** 2 0 1 1 1	**** 2 0 0 1 1	***** 1 0 1 1 1 1	1 0 2 1 1	***** 1 0 1 1 2	0 1 1 1 1 -	DATA O 1 0 1 0 1 DATA	INVALINVALION OO 1 1 1 1 1 NVALI	ID - ID - 1 1 0 0 1 1 1 1	1 1 0 1	0 1 1 0 1	5 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 1 0	1 1 1 0 1	1 1 0 1	1 1 0 1	2 1 1 0 1	5 1 1 0 1	2 0 1 1 1	
MEAN	1	1	1	f	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 64.0 PERCENTAGE OF DATA INVALID - 36.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - C NO 48002 *MTC YARD 9 STOUFFVILLE

MONTH	NC OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVALI	LABLE	
FEB		DATA UNAVALI	LABLE	
MAR		DATA UNAVALI	LABLE	
APR		DATA UNAVAL	LABLE	
MAY		DATA UNAVALI	LABLE	
JUN	8	1.4	3	6
JUL	30	0.8	2	6
AUG	31	1.0	4	9
SEP	21	0.9	.3	5
OCT	15	0.4	1	2
NOV	22	0.5	2	4
DEC	18	0.9	2	7
YEAR	145	0.8	4	9

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - C NO 48002 *MTC YARD 9 STOUFFVILLE

MONTH 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 SOVER TOTAL

JAN		DATA UNAVALI	LABLE				
FEB		DATA UNAVAI	LABLE				
MAR		DATA UNAVAI	LABLE				
APR		DATA UNAVAI	LABLE				
MAY		DATA UNAVAI	LABLE				
JUN	198	4	0	0	0	0	202
JUL	730	2	0	0	0	0	732
AUG	730	11	0	0	0	0	741
SEP	510	2	0	0	0	0	512
oct	371	0	0	0	0	0	371
NOV	552	0	0	0	0	0	552
DEC	468	8	0	0	0	0	476
YEAR	3559	27	0	0	0	0	3586

FREQUENCY DISTRIBUTION BY PERCENTILES

 PERCENT OF DATA				FREQUENC		TRATIONS	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
69.8	٥	0.0	0.0	0.2	0.7	1.5	2.0	2.8	3.6	9	0.8

UNITS - 0.01 PARTS/MILLION

	ST	ATION		E NO	51001		McDON	ALD G	DN DI	DEATH	/wiiDTi	in Dunor	. eT	NATTC		MOI	NTH -	JAN	76						
	9.			2 110	3,00,		1110001	arb c	DIE K	DEAU	WURT	MOOK	31.	JIIAWA	*	mol	NID -	UAN	10						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	o	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	1	1	1	2	0	0	0	0	0		1	2	3	2	3	2	1	ŏ	1
3	0	0	O	0	0	1	0	1	1	1	1	2	2	1	2	2	3	4	5	7	3	2	0	1	2
4	0	0	1	1	1	2	2	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1
5	1	1	3	1	1	2	2	2	3	1	0	5	5	6	7	1	2	2	1	2	2	3	2	2	2
6	3	2	3	2	2	1	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	1	1	1	0	1	1	1	1	***	3	3	3		2	2	1	1	1	1	1	1	1
8	1	1	1	1	1	1	2	2	2	2	4	2	2	4	7	10	3	2	2	3	3	3	5	4	3
9	4	4	4	4	4	4	3	4	4	4	3	3	4	4	3		2	3	3	2	2	2	1	1	3
10	2	2	2	3	3	2	4	2	3	5	5	5	4	3	2	4	1	5	6	4	3	4	3	3	3
1.1	4	3	3	3	3	3	3	3	4	5	4	2	2	2	2	2	2	2	1	2	2	1	1	1	3
1.2	1	1	4	2	2	1	1	1	1	****	***	****			***	2	3	4	4	5	7	7	4	4	3
13	4	4	4	5	5	5	5	6	8	8	7	****		-		****	2	3	3	3	3	3	2	2	4
14	2	2	2	2	2	2	3	2	2	2	2	2	1	2	2	2	2	2	2	3	3	2	3	2	2
15	2	2	3	2	3	3	2	2	2	2	1	1	1	1	1	2	2	3	4	3	6	6	7	5	3
16	3	3	2	2	2	1	1	1	2	2	1	2	2	****	****	****	****	****	****	***	***	****	***	***	*****
17	***	***	****	***	****	****	***	****	****	****	****	****	***	****	***	****	****	3	3	2	1	2	2	1	*****
18	1	2	-1	1	1	1	7	1	1	O	1	3	1	5	6	9	2	3	1 1	4	В	2	7	3	3
19	5	7	8	5	6	5	5	3	2	2	1	1	0	****	0		1	0	0	2	3	3	4	3	3
20	2	2	2	1	1	2	1	1	1	2	2	3	4	6	9	6	5	6	2	3	1	0	0	0	3
21	0	0	1	1	2	3	3	3	3	2	****	****	2	2	2		3	2	3	3	3	3	3	2	2
22	2	2	2	2	2 2	2	2	2	1	1	2	1	2	2	2		3	2	2	2	2	2	2	2	2
23 24	3 5	2	2	2	2	3 7	2	. 2	2	1	2 6	2	4	4	3		3	5	3	4	6	6	7	4	3
25	10	12	14	11	12	10	9	11	7	6 8	8	9	6 9	6 8	6		7 5	8	9	7	8	9	8	8	7
26	3	3	3	3	3	3	3	3		3	3	3	4	4	7			5	5	4	4	4	3	3	8
27	4	2	2	2	2	2	3	4	3	3	2	2	2	2			5	5	3	3	3	3	4	6	4
28	2	2	2	2	2	2	2	2	2	2	2	2	2		2		2	2	2	2	2	2	2	2	2
29	3	2	2	2	3	3	3	3	3	4	4	4	5		2		2	2	2	2	2	2	2	3	2
30	1	2	1	2	2	2	2	2	2	1	2	2	2	1	2		1	1	1	1	1	2	1	2	3 2
31	2	4	2	3	3	4	4	4	3	7	7	7	4	3	2	2	2	2	2	2	3	3	4	5	4
MEAN	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	2	2.7

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 5.4

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULPH	UR DI	OXIDE								UNITS	- 0.	01 PA	RTS/	AILLIC	N						
	ST	ATION	- s	E NO	51001	(MCDON	ALD C	DN RI	DEAU/	WURTE	MBURG	ST,0	TTAWA	L	4014	iTH -	FEB	76						
HOUR DAY	t	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	4 3 7	3 2 3 8	3 2 6	4 2 8 6	4 2 4 7	5 2 10 5	4 2 12 5	4 1 10 4	4 2 10 5	3 2 10 5	3 2 11 6	3 2 7 8	4 1 10 8	4 1 8 5	4 1 9	4 1 8	3 2 6	3 2 7	3 3 6 ****	4 3 7 ****	4 2 7	5 2 7	4 2 8 ****	4 2 7 ****	4 2 8 *****
6 7 8 9 10	11 13 4 3 3	16 5 3 3	16 5 3 3	9 5 3 4 3	10 4 4 3 3	9 4 4 3 3	95533	9 6 5 3	8 5 3 4	9 4 5 3	13 4 4 4 4	11 4 4 3 3	7 5 4 3 3	6 4 4 3 3	5 4 3 2	5 4 4 2 3	6 4 5 2 3	6 4 4 3 2	10 4 5 2 3	8 4 5 2 3	9 4 5 2 3	9 5 5 2 3	11 4 4 2 3	12 4 3 2 4	9 5 4 3 3
11 12 13 14 15 16 17 18 19	4 **** 2 2 3 2 1 1 1 2	3 **** 2 2 4 2 1 1 1	2 * * * * * 2 2 3 2 1 1 1	3 3 3 3 1 1 2 2 1	2 **** 3 4 3 1 1 2 1	1 **** 4 2 3 1 1 2 1	2 **** 3 1 2 1 1 1 1	2 **** 2 2 2 1 1 1 1	2 **** 2 2 2 1 1 2 1 1	1 **** 3 2 2 1 1 1	2 **** 2 2 2 1 1 1 3	**** 1 1 1 1 1 2 1	**** 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**** 1 1 1 1 1 2 1 2 1	**** 1 1 1 1 1 1 2 1	1 1 1 2 1 1 2 1	1 1 2 1 1 1 2 1 1 2 1	**** 1 1 2 1 1 2 2 2 2	1 1 2 2 1 1 1 3 2 2	1 1 3 2 1 1 1 2 3	1 1 3 3 1 1 1 2 4	1 1 3 3 1 3 1 2 3	**** 1 6 1 3 1 4	**** 1 1 4 1 1 2 1 1 4	****** 2 2 2 1 1 1 2 2
21 22 23 24 25 26 27 28 29	5 1 1 2 4 0 5 1 5	4 1 4 6 0 5 1 4	4 1 1 5 5 0 5 1 3	6 1 6 5 0 5 1 2	7 1 1 7 3 0 5 2 2	6 1 5 3 0 4 2 2	4 1 2 7 3 0 4 2 3	3 1 1 6 3 0 3 1 3	3 1 9 3 2 3 1 2	2 1 1 3 3 4 3 2 3	2 1 1 3 2 5 3 2 3	1 5 3 2 5 2 2 3	1 1 3 3 5 2 4	2 1 3 3 2 5 2 5 2 5	2 1 4 3 5 2 2 5	1 1 4 2 3 4 2 2 6	1 1 2 2 3 4 2 2 9	1 1 2 3 5 5 2 2 7	2 1 2 3 5 4 3 3 9	1 2 3 6 4 3 4 6	1 3 3 6 4 2 4	1 1 3 3 6 4 2 5 4	1 1 2 3 **** 4 2 5 3	1 1 2 4 0 5 2 5 3	3 1 2 4 4 3 3 2 4
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3.1

PERCENTAGE OF DATA VALID - 92.2

PERCENTAGE OF DATA INVALID . 5.7

PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MILLITANT	SULPHUR DIOXIDE	UNITS - O OI	PARTS/MILLI

	STA	TION	- S	E NO	51001		MCDONA	LD GDN	RI	DEAU/	WURTE	MBURG	ST.C	AWATTO	N	MON.	TH - I	MAR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		-	15			•	4	•:		-	2		2	2	2	1	2	2	2	2	2	1	1		*****
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.1	1	- 1	1	2	2	1
3	2	1	1	1	•	2	1	1	1	1	1	1	****	1	1	1	2	1	1	1]	1	2		1
4	2	2	2	3	3	3	3	2	4	2	2	2	3	2	4	2		1	1	1	2			- 1	2 2 2
5	2	2	1	1		2	1	1	1	1	1	2	2	2	2		2 2	2	2 3 2 3	,	3	2 2 2 6	2 2 2 5	2	5
6	- 1	1	1	1	1	1	1	2	1	2	2	2	3		3	5	2	2	2	2	2	5	2	2	
7 8	1	1	2	2	:2		2 2	1	2	- 1	- 1	- 1	1	4		1	1	2 2 2	3	3 2 3	4	Ē	5	3	2
	2	2	6	2 5 5	4	2	4	3	3	3			2	2	,	ء ٰ	2	2	2	2	3	3	4	5	2 2 3 3
9 10	5	5	5	5	6	4	3	4	4	2	2	2	2	2	2	- 7	7	î	1	2	2	3	2	5 2	3
10	5	5	9	3		-	•	7	-	-	-	•	-		-				(3 0	U 	-			
11	2	2	2	2	.5	2	2	2	2	1	2	1	2	1	2	1	1	1	2	3	2	2	4	5	2 3 1
12	2 3 2	5 2	3	4	2 6 2	3	4	6	4	2	2	****	2	2	2	1	2	2	2	2	2	2	2	2	3
13	2	2	2	2	.2	1	2 5	2	2	2 2 2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	3	2	4 2 2 2	2	4	5	3	3 2		2		2	2	2	2	2	1	2	2	2	2	2	2	2 2 2
15	2	2	2			2	2	2	3	3	3	3	2	2	2	2	2	1	1	1	1	2	2	2	2
16	4	3	2	1	1	2	2	2	2	2	2	2	- 1	1	1	1	1	2	2	2	1	1	1	1	
17	2	1	1	1	1	1	1	2	. 1	1	****	****	2	2	2	2	2	2	2 2 2	2	2	2	2	2	2
18	2	3	2	2	4	3	4	6	10	****	****	****	7.7.7		Ö	2	2	2	2	2	3	3	3	2	3
19	2	2	2		2	2	4	1	3	3	4	,	2 5	3	2 5	4	5	4	2	2	2	4	4	4	2
20	3	3	3	4	5	5	4	4	3	3	4	4	3	-	э	-	3	-	3	-	9	-		-	-
21	4	4	4	3	3	3	2	2	2	2	2	2	2		2	2	2	2	2	2	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	2			2	2	3	2	2 2 3	2	3	4	4	6	2
22 23 24 25 26 27	6	4	3	3	3	3 3	4	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3 2 2 2 2	3 3 3	3	3
24	3	3	3	3		3	3	3	3	3	3		4	* * * *	****	3	3	3	3	2	3	2	3	3 3 2	3
25	3	3	3	3	3	3	2	2	2	2	2	2 3 3	2	2	3	3	3	2	2	2 2 2	2	2	3	3	2
26	3	4	5	3	3	3	3	3	4	4	3 3 2	3	3	3	3 3 2	3	2	2	2	2	2	2	2	2	3
27	2	2	2	3	3 2	3	4	4	3	3	3	3	3	3	3	3	3	3	2				2	2	3
28 29	2	2	2	2	2	2	2	2	4 3 2 2	2	2	2	2	2 3 3 2 2	2	2	2	2	3 2 2 2 2 2	2	2	2	2	2	2 2 3 3 2 3 3 2 2 1
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1		1	- 1	*	2
30	2	1	1	1	1	1	1	-1	1	1	1	1		1	1	1		.1	3	1	-1	1	,		
31	3	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
																	_							_	140

PERCENTAGE OF DATA VALID - 96.5

MEAN

PERCENTAGE OF DATA INVALID . 1.9

PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- * INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - APR STATION - SE NO 51001 76 HOUR 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY 10 3 3 2 3 2 2 1.5

PERCENTAGE OF DATA VALID - 98.1

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *-* INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

DOL	I FIT ANT	- 13	CILI	DUILID	DIAVIDE	

UNITS - 0.01 PARTS/MILLION

	STA	TION -	- SE	NO 5	1001	N	ICDONA	LD GDN	RI	DEAU/W	URTE	MBURG	ST.O	TTAWA		MON	TH - 1	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	1 1 3 1 2 2 2 3 3	1 1 1 2 2 2 3 3	1 1 2 1 2 2 3 2 3	î 1 1 1 2 2 2 2	1 1 0 1 2 2 3 2 3	1 1 1 0 1 2 2 3 2 3	1 1 2 2 1 2 3 2	1 1 0 2 2 2 2 2 2 2 2	1 2 1 0 2 2 2 2 3 2	1 2 1 0 2 2 2 2 3 3	1 2 1 0 2 2 2 2 3 3	1 2 1 0 **** 2 2 2 3	1 2 1 0 3 2 2 3 3 2	1 2 1 1 3 2 2 3 3 1	1 2 1 1 3 2 3 2 3 2	1 1 1 3 3 3 2 3	1 1 1 3 2 2 3 3 2	1 1 1 3 2 2 3 3 3 3	1 1 2 1 3 2 2 2 2 3 4	1 1 1 4 2 2 3 2 3	1 1 1 2 4 3 2 3 3 3	1 1 1 3 3 2 4 3	1 2 1 3 3 2 3 3 3	1 1 2 1 3 2 2 3 2 3	1 1 1 1 2 2 2 2 3 3 3
11 12 13 14 15 16 17 18 19	3 1 3 1 2 1 1	3 1 3 1 2 1 1	3 1 2 3 1 2 1 1	3 1 2 2 2 1 2 1 1	3 1 3 1 2 2 2 1	3 1 3 2 2 2 2 1	3 1 2 1 2 2 2 1 0	3 1 2 2 2 2 2 0 0	3 1 2 1 2 2 2 0 0	3 1 1 2 2 2 0 1	2 1 2 1 2 2 2 0 0	1 2 1 2 2 2 2 0	1 2 2 2 2 2 3 0	1 1 2 2 2 2 3 0 0 **	1 1 2 2 2 3 3 0	1 1 2 2 3 3 3 0 -	1 1 2 2 3 2 3 0 -	1 2 2 2 3 3 3 0 -	1 1 2 2 3 2 3 0	1 1 2 2 2 2 3 0	1 1 2 2 2 2 2 0 -	1 1 1 1 2 2 1 0	1 2 1 1 2 1 0 -	1 4 2 2 1 2 1 0 - *	2 1 2 2 2 2 2 2 2 0
21 22 23 24 25 26 27 28 29 30	3 1 1 1 1	3 1 1	2 1 1 1	3 1 1 1	3 1 1 1	4 1 1 1	1 1 1	3 2 2 2 2	4 2 2 2 2	- 4 4 3 2	3 8 3 3	- DA	TA UNI TA UNI TA UNI	AVAILA AVAILA AVAILA AVAILA 2 2 2 2 2 2	BLE BLE BLE		2 1 2 2 2	2 1 2 2 2	1 1 2 2 2	1 2 2 2 2 2	3 1 1 2 2	2 1 2 2 1	3 1 1 2 2	4 1 1 1 4	2 2 2 2 2
31 MEAN	2	2	1	1 2	1	1	7 2	10 2	9	2	3 2	2	3 2	2	2 2	2	2	2	1 2	1	1	1	1	1 2	3 1.8

PERCENTAGE OF DATA VALID - 77.3 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 22.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUT	ANT -	SULPH	HUR D	IOXID	1							UNITS	· - o.	01 PA	RTS/M	ILLIC	N						
	ST	ATIO	N -	SE NO	5100	1	MCDON	ALD G	DN RI	DEAU/	WURTE	MBURG	st,c	OTTAWA		MON	тн -	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 1 0 1 2 3 2 2	1 1 4 1 3 2 3 2 2	2	1 1 3 1 1 3 2 6 2 2	1 1 2 1 1 5 3 7 2 2	2 1 2 1 1 6 2 6 2 2 2	1 1 6 2 5 3 1	1 1 3 4 2 5 2 5 2 2 2	1 1 3 2 4 5 3 6 2 2	1 1 3 2 3 3 3 6 2 3	1 1 2 2 3 3 3 5 2 3	1 1 2 2 3 3 3 5 2 4	1 1 2 1 2 4 3 5	1 2 1 1 2 4 3 5 2 4	1 2 **** 2 2 4 4 4 4 2	1 2 2 2 2 4 3 4 2 4	1 2 2 2 5 3 3 3 5	1 2 3 4 3 3 3 5	1 1 1 2 3 3 3 2 3 5	1 2 1 1 2 3 3 2 2 7	1 1 1 2 2 2 2 1 6	1 1 1 3 3 4 2 1 5	1 1 1 4 2 5 2 1 4	1 1 1 2 2 5 2 5	1 1 2 2 2 2 4 3 4 2 4
11 12 13 14 15 16 17 18 19	5 3 1 3 4 3 0 0	4 3 1 3 4 3 1 0 0	2 2 3 3 3 1 0	2 3 3 1 0	5 2 1 3 3 3 1 0 0	4223330010	4 2 2 2 3 1 0 0 0	3 3 3 3 3 1 1 0 0	3 2 2 3 3 0 1 0	3 2 2 3 4 3 1 1 0 0	3 2 3 3 4 4 1 1 0 0	3 2 3 4 5 3 1 1 1 0	3 2 3 3 4 3 1 1	3 2 3 4 3 **** 1 1 1	3 2 3 4 3 1 1	2234411110	2 2 4 4 1 1 1 0 0	2 2 3 4 4 0 1 1 0 0	2 2 3 3 0 1 2 0	2 2 3 3 3 0 1 1 0 0	2 2 3 3 4 0 1 1 0 0	2223300100	2 2 3 4 0 0 1 0	3 3 0 0 1 0 0	3 2 2 3 3 2 1 1 0 0
21 22 23 24 25 26 27 28 29 30	0 0 **** 2 2 0 1 1	2 1 0 1 1 1 1 1	2 2	0 ****	0 0 **** 1 2 0 1	0 0 **** 1 2 0 1 1 1	0 0 **** 1 1 0 1 1	0 0 **** 1 1 0 1 2	0 0 **** 1 2 0 1 1 1 1	0 0 **** 2 2 1 1 3	0 **** 2 2 1 1 1	0 **** 2 2 1 1 1	0 **** DATA **** 2 2 1 1	0 ***** I NVAL 2 2 2 2 1 1 1		0 **** 4 2 1 1 1 1	0 **** 4 2 1 1 1 1	0 **** 4 2 1 1 1 1	0 **** 4 1 1 1 1 1	0 **** 4 1 1 0 1 1	3 1 1 0 1	3 1 1 0 1	0 **** 2 2 1 0 1 1	0 **** 2 2 1 0 1 1	0 ****** ***** 2 2 0 1 1
MEAN	1	,	2	,	2	2	2	,	2	2	2										_	2			-

PERCENTAGE OF DATA VALID - 92.4 PERCENTAGE OF DATA INVALID - 7.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION	· SI	E NO	51001		MCDON	ALD G	N RI	DEAU/	WURT	EMBURG	ST.C	TTAWA	i.	MON	TH -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	0 0 0 1	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0000	0 0 0	0 0 0 0	0 0 0 0	0 0 0 2	1 0 0 0 2		DATA	1 0 0 1 2 INVAL		1 0 0 1 1	0 0 1	0 0 2	1 0 0 2	0 0 0 3	0 0 0 3	0 0 3	0 0 0 2	0 0 2	0 0 1 1
8 9	****	••••		••••	****	****	****	****		****	****	****	2	1	1	1	1 4	1	1	1	1	1	1 2	1	*****
10	2	1	2	i	i	ì	2	2	2	3	2	2	3	3	3	3	3	3	5 3	5 3	2	3 2	2	2	2
11 12 13 14 15 16	3 0 1 1 1 1 1	2 3 0 1 1 1 1 1	2 3 0 1 1 1	2 1 1 1 1 1 1	2 0 1 1 1	2 2 0 1 1 1 1 1 1	2 1 0 1 1 1 1 1	2 1 0 3 1	2 1 0 0 6 2	3 0 0 2 1	4 1 0 2 1	4 1 0 **** 2 1	5 1 0 1 2 1	5 1 1 3 1	1 1 3 1	4 1 1 2 1	4 1 2 2 1 1	4 1 2 3 1	3 1 1 2 2 1 0	4 0 1 2 2 1 0	3 0 1 2 2 1 0	4 0 1 2 2 1 0	3 0 1 2 2 1	3 0 1 2 1 1	3 1 1 1 2 1
18 19 20	0	0 2	0	0	1	1	1	3	1 3 1	1	1 2	2	1 2	0 1 2	0 1 2	0 1 2	2	2 2	0 2 2	0 1 2	0	1 1 2	0 1 2	1 2	1 1 2
21 22 23 24 25 26 27 28 29 30	100000000000000000000000000000000000000	1 0 0 1 0 0 2 1 1 2	1 0 0 1 0 0 2 1 1 3	1 0 0 1 0 0 1 1 1 2	0 0 1 1 0 0 2 0 1 2	0 0 0 1 0 0 1 0 2 2	2	1 0 1 0 0 2 1 2 2	1 1 0 1 0 0 2 1 2 3	0 1 1 0 0 0 3 - 3 3	0 1 1 0 0 0 3	1 1 0 0 0 2 2 3 3	0 0 1 0 0 1 2 3 3	0 0 1 0 0 1 2 2 3 3	0 0 1 0 0 1 1 2 2 3	0 0 1 0 0 1 1 2 2 3	001001223	0 0 1 2 2 2 3	0 0 1 0 0 1 2 2 2 2	001002222	001002222	0 0 1 0 0 1 2 2 2 2	0 0 1 1 2 2 2	0 0 0 0 0 1 1 2 2	0 0 1 0 0 1 2 1 2 2
31	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	7	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 90.1

PERCENTAGE OF DATA INVALID - 9.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA STATION - SE NO 51001 MONTH - AUG HOUR 24 MEAN DAY 5 1011314567890 1012324567890 22234567890 3 0 3 ** 0 0 0 1 o

PERCENTAGE OF DATA VALID - 97.0

MEAN

PERCENTAGE OF DATA INVALID - 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.1

1.5

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- SE	NO	51001)	MCDONAL	D GDN	RII	W/UA3C	URTE	MBURG	ST,C	TTAWA	1	MON	ITH -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	0 0 1 1	1 0 0 1	1 0 0 1	1 0 0 1 1	1 0 0 1	1 0 0 1 1	1 0 0 1	0 0 1 1	1 1 1 1 1	1 0 1 1	1 0 1 2	1 0 1 2	0 0 1 2 1	0 1 2	0 0 1 2 1	1 0 1 2 1	**** **** 1 2 1		0 1 1 2	0 1 1 3	0 1 1 2	0 1 1 2	0 0 1 1	0 0 1 1	1 0 1 2
6 7 8 9	1 1 0 0	1 1 0 0	1 0 0	1 2 0 0	1 0 0 0	1 2 0 0	1 2 0 0	0 1 1 0	0 1 1 0 0	0 2 1 0	0 3 1 0 0	1 3 1 0	1 2 **** ****	1 3 1 ****	1 3 0	2 3 1 ****	2 0	2 2 0	3 2 0	2 0	1 0 0 ****	1 0 0	1 1 0 0	2 1 0 0	0 0 0
11 12 13 14 15 16 17 18 19	**** 0 0 2 3 0 0 1 0 0	0 0 0 2 2 0 0 1 0 0	0 0 0 2 2 2 * * * * 0 1 0 0	0 0 1 2 0 0 1 0 0	0 0 1 3 0 0 1 1 0	0 0 0 1 3 0 0 1 1 0	0 0 0 1 3 0 0 1 1 0	0 1 0 1 0 1 0 1 0	0 2 0 1 3 0 1 0 2 0	0 1 0 1 3 0 1 0 4	0 0 1 2 2 0 2 1 2	0 0 2 2 2 0 3 1	0 0 2 **** 1 2 1 1 0	0 0 1 2 1 2 1 2 0	0 1 2 3 1 1 2 0 3 0	0 1 2 1 1 2 0 3	0 1 2 2 1 1 2 0 1 0	0 0 1 3 1 1 2 0	0 0 1 3 0 1 2 1 1	0 0 1 3 0 1 1 0 0 0	0 0 1 3 0 1 1 0 0 0	0 0 2 3 1 0 1 0 0 0	0 0 2 3 1 0 1 0 0 0	0 0 2 3 0 0 1 0 0 0	0 0 1 2 2 0 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 **** 1 1 0 1 0	0 0 1 1 1 0 1 1 0	0 0 1 1 1 0 1 1 0	0 0 1 2 1 0 1 1 1 0 0	0 0 4 1 0 1 1 1 0	0 0 2 1 1 1 1 0	0 0 0 1 1 1 1 1 1 0	0 0 0 0 2 1 1 1 1 1 1	0 0 0 0 2 1 2 0 1 0	0 0 0 0 * 1 1 2 0	0 0 0 **** 1 1 1 0 1 0 0	0 0 0 **** 1 1 2 0 1	0 1 0 0 1 1 1 1 1 0	0 1 0 0 1 1 1 1 1	0 2 1 0 1 1 2 1 2	0 1 1 0 1 1 3 1 1 1	1 1 0 1 1 2 2 1 1	0 1 1 0 1 1 1 2 0	0 0 2 0 0 1 1 1 0	0 0 1 1 0 1 1 1 1 1	0 0 3 1 1 1 1 0 1	0 **** **** 1 1 1 1 1 1	0 **** **** 2 1 1 1 1 1 1 0	0 **** 1 1 1 1 1 1 0 2	0 0 1 1 1 1 1 1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION -	SE	NO	51001		MCDONAL	LD GD	N RI	DEAU/W	URTE	MBURG	ST.O	TTAWA		MONT	гн - о	тэс	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 0 0 3 0 0 1 1 0 0	1 0 0 0 0 1 1 0 0 0	0 0 0 0 0 1 1 0 0	000001000	0 0 0 0 0 1 1 0 0	0 0 0 0 0 1 1 0 0	1 0 0 0 1 1 0 0 0	1 1 0 0 1 0 1 2 1	1 1 1 0 0 0 0 2 1	0 1 0 0 0 0 0 1 1 1 1	0 1 0 0 0 0 1 2 1	0 1 0 0 0 0 1 1 1 1	0 2 0 0 1 ***** 1 1 1 1	0 2 0 0 1	0 1 0 0 1 1 1 0 1	0 0 0 1 1 1 0 0 1	0 2 0 0 1 1 1 0 0 1	0 2 0 0 1 1 0 0 0 1	0 1 0 0 2 1 1 0 0 1	0 0 0 1 1 1 0 0 1	0 0 0 1 1 0 0 0 2	0 0 0 0 1 0 0 0 1	0 0 0 0 1 1 0 0 0	0 0 2 0 0 1 1 0 0 0	0 1 0 0 1 0 1 1
11 12 13 14 15 16 17 18 19 20	1 2 1 1 2 2 1 0 1 1	1 2 1 1 2 2 1 1 1	1 2 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 2 2 1 0 1 1 1 2	2 2 2 1 1 1 0 2 1	1 2 2 1 1 1 1 1 1 1 1	2 1 0 1 1 0 1 1	1 1 2 0 1 1 0 1 1	1 1 2 1 0 1 1 0 1 1	0 1 2 1 0 0 0 0 0 0	1 0 2 1 0 1 1 0 0 0 ****	1 1 2 **** 1 1 0 1 1	1 1 2 * * * * * 1 0 1 1 1 1 1 1	1 2 1 1 0 1 1 1	1 1 2 1 1 0 1 1 0 1	1 1 2 1 1 1 1 1 0	1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1	2 1 3 1 1 1 0 1 1	3 1 1 1 1 1 1 1 1 1 1 1	2 1 1 0 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 3 1 1 1 2 1 1	1 1 2 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 2 5 2 3 1 1 1 1 1	1 2 3 3 1 1 2 1 1	1 2 4 4 2 1 1 2 1	1 4 2 2 1 1 1 1 1	1 1 3 4 2 1 1 3 1 1	1233211211	1 2 3 2 2 1 1 2 1 2	1 2 3 2 1 1 1 1 1 1 1	1 1 2 2 1 1 1 0 1 1 2	1 1 2 1 1 1 1 2	1 1 2 1 1 0 0 1 1	1 1 2 1 1 0 0 0 1 2	1 1 1 2 0 0 0 1 3	2 2 2 1 1 0 0 0 2 2	3 2 1 1 2 0 0 1 2 2	4 2 2 1 1 0 0 1 1	3 3 1 1 1 0 1 1 1 2	2 3 1 1 2 0 1 1 2	2 2 1 2 1 0 1 1 0 1	2 2 1 2 2 0 1 1 0 2	1 3 2 2 1 0 0 1 1 2	1 2 2 2 2 0 1 1 1 2	1 4 1 2 2 1 2 1 1 2	1 4 1 2 1 2 1 1 1 2 2	1 2 2 2 2 1 1 1 1 2
31 MEAN	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION		SE N	5100	1	MCDON	ALD GD	N RI	DEAU/	WURTE	MBURG	ST.C	TAWA	4	MOM	ITH -	NOV	76						
HOUR DAY	1	2	3	3 4	4 5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	,	1 3	1 1	1	1	1	1	0	***	****	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	1		2	2 1	1	1	3	4	3	2	1	0	0	1	1	1	0	1	0	1	1	1	1	1
3	1	2			1 2	4	6	5	2	1	1	2	2	2	2	1	2	2	1	1	1	1	1	1	2
4	2	2		2	1 2	2	2	5 2	2	2	2	2	1	1	1	î	1	1	1	1	0	1	1	1	1
5	7	2	- 7		1	1	1	1	1	1	1	7	1	1	1	1	1	1	1	1	1	1	2	2	1
6	3	5			3 2	1	1	1	4	•	- 1	1	1		1	1	1	1	1	1	1	i	1	1	1
7	ĭ	- 7	1		1 2			ż	4	1	•	- 1	•	•	1	- 1	1	í	1	•	1	- 1	1	1	1
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ă		****				****	****	**** *	***	****	****	****	****	****	****	****	1	1	1		0	0	1	1	*****
10	****				1 1		•	•		1	4		4		2	2	2	3	3	ò	0	ő	ò	1	1
10					, ,		•	100		*)	•	•		,	-	•	-	•		•	U	·	•	•	
11	1	1			1 1	3	1	2	2	1	1	1	1	0	0	1	1	1	1	1	1	3	3	2	1
12	3	3			3 3	3	3	3	2	2	2	3	3	3	3	3	2	2	1	1	1	1	1	1	2
13	1	1			3 4		4	3	2	2	2	1	1	2	2	2	2	1	2	1	1	1	1	1	2
14	i	- 1		i	1 1		1	1	1	1	1	1	1	1		1	2	1	1	1	1	2	2	2	1
15	3	į.	9	i .	1 1	1	1	1	1	1	1	1	1	1	Ŷ.	1	1	1		1	,	2	2	2	
16	2	- 5		2	2		4		3	2	•	i	2	i	- 4	ż	3	2	- 1	2	2	4	4	7	2
17	- 1	7		1	2 .				2	2	2	2	2	3	2	3	3		2	2		2	2	2	
	3	3		3	2 3				1	2	ō	7	7	1	- 1	ĭ	ĭ	ī	•	•		•	- 7	7	2
18	0	3			1 1		1	7	2	2	1		- ;	ò					- 1	ò		ó	ó	'n	- 1
19	ŏ	ó			0 6		0	ò	ő	ō	ò	ò	- 4	ő		- :	ò	ó	ò	Ö	ő	****		****	ò
20	U	U		1 .		, ,		Ų	U	U	U	U	,	U	- 1	(8)	U	U	U	U	0	7377		7.77	U
21													DATA	INVA	IID -										
22													DATA	INVA	IID -										
23	****							****			****	****				1	2	1	1	2	2	4	4	2	*****
24	4	4		3	4	3 2	, ,	3	2	4	3	3	4	4	5	2	3				5			3	3
27	3	2					2 2	3	3	2	2		2	3			3	3	2 3 2	3	3	3	2	2	3
25 26 27 28	2	1							2	2			2			2.5	3	2	2	2	2			2	
20	2	2		<u> </u>	2		2 2	5	2	2	2	2 2	2	2	2		2		2	5	5	5		2	2
21	2	2			3	1	5	2	4	4	3	5	5	2			5	- 1		- 1	2	2	2	2	3
29				3			, ,	3	7	7	1	7	- 1	ō			ő				****		****	****	•
30		1						****		****				****	****	****	****			3	3	3	4	2	*****
30			41.50.06						100000000000000000000000000000000000000		- 200	A	100 T T	4 (50,000)		2000000	14/2 C.V.	- T. (1)		3	3	3	4	- 2	
	•			•						2					-	2	2					2	2		1 6

PERCENTAGE OF DATA VALID - 83.2 PERCENTAGE OF DATA INVALID - 16.5 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTAN1	:	SULPH	UR DI	OXIDE								UNITS	· o.	01 PA	RTS/M	ILLIO	N							
	ST	NOITA	SI	E NO	51001		MCDONA	ALD G	DN RI	DEAU/	WURTE	MBURG	ST.0	TTAWA	4	MON	тн -	DEC	76							
HOUR DAY	i	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	2	2	2	2	2	3	2		1	1	1	1	2	2	2	2	2	3	3	3	3	2		2
2	2	2	2	3	3	3	3	2	3	2	2	2	2	1	1	1	2	3	3	4	2	1	2	1.		2
3	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2		2
4	2	3	3	4	3	1	1	1	1	1	1	1	1	1	1	5	1	1	1	2	2	2	2	1		2
5	1	1	1	1	:5	2	1	1	2	2	2	2	2	1	1	2	1	2	2	4	4	3	2	3		2
6	2	3	4	4	:3	2	2	2	2	1	1	1	1	2	2	2	2	2	1	1	****	****	****	****		2
7		**** *	***		****	****	****	***	****			****	****	****	1	1	4	3	1	1	1	1	1	1	****	**
8	1	1	1	1	.2	2	2	2	2	1	1	3	6	6	5	3	3	3	2	2	3	2	5	3		3
8 9	1	2	1	1.	:2	2	1	1	1	1	2	2	3	2	- 1	2	2	2	4	3	2	4	4	3		2
10	2	2	1	1	1	1	2	3	2	2	2	2	2	2	****	3	3	3	3	3	4	4	7	4		3
11	3	2	1	-1	5	2	3	3	2	2	2	2	2	6	4	2	2	2	2	3	3	4	4	5		3
12	5	5	9	10	3	10	7	4	5	6	6	7	6	10		7	7	7	6	6	4	3	2	1		6
13	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	1	1	1	2	3	3	3	5	4		2
14	4	3	4	4	3	3 2	4	2	2	2	2	3	3	4	2	3	3	3	2		3		3	3		3
15	3	3	2	2	2	2	2	2	2	2	2	1	-	****		1	2	2	2	2	2	2	3	3		2
16	1	2	1	1	2	2	2	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2		2
17	2	2	3	2	2	3	4	4	5	4	6	4	6	3	3	3	4	4	4	3	2	2	2			3
18	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	4	4	5	- 6	5	4	3		3
19	5	5	5	3	3	3		2	2	2	3	3	3	3	3	2	3	4	3	3	4	4	4	9		3
20	3	3	2	3	2	3	2	3	2	2	3	3	3	4	4	3	2	2	2	2	2	2	2	2		3
21	2	2	3	2	3	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1		2
22	1	1	1	1	1	1.	1	1	1	1	1	1	****	****	1	2	2	1	1	1	2	2	2	3		1
23	3	3	3	3	4	5		4	4	4	4	4	4	4		4	4	3	3	3	3	3	2	2		4
24	3	3	2	2	2	2		3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1		2
25 26 27	1	1	1	1	2	2	1	1	1	2	2	2	2	1	. 1	1	1	1	1	1	1	1	2	2		1
26	2	2	1	1	1	1	1	1	1	0	0	1	0	1		****		****					• • • •			
27														INVA												
28												-	DATA	INVA	LID -	20	-	-	2		. 2	140	- 2	_		
29	****	**** *		****	****	****	****	****	****	****	****	****	****	****	1	2	1 2	2 2	3 2	4	3	2	4	3		
30	5	4	2	3	3	3	3	4	3	3	2	1	1	1	1	1	2	2	2	1	1	2	3	3		2
31	3	3	3	2	2	2	2	2	1	1	2	1	1	1	2	1	2	1	1	3	2	2	2	2	!	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	3	1 2	2.4

PERCENTAGE OF DATA VALID - 87.0 PERCENTAGE OF DATA INVALID - 12.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	SE	NO	51001	MCDONALD	GDN	RIDEAU/WURTEMBURG ST, OTTAWA
-----------	----	----	-------	----------	-----	------------------------------

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
NAU	29	2.7	8	14
FEB	25	3.1	9	16
MAR	30	2.1	4	10
APR	30	1.5	2	10
MAY	23	1.8	3	10
JUN	27	1.8	4	7
JUL	28	1.2	3	
AUG	30	1.5	5	6
SEP	30	0.8	2	6
OCT	31	1.0		4
NOV	24	1.6	2	5
DEC	26		3	6
YEAR	333	2.4	6	12
LCAR	333	1.8	9	16

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - C.C1 PARTS/MILLION

STATION -	SE	NO	510	01		MCD	ONA	-D (SDN	RID	EAL	J/WUR	TEM	BURG	SST	,01	TAWA			
MONTH	00	TO	04	05	то	10	11	то	14	15	TC	25	26	то	39	40	&OV	ER	TOTAL	
JAN		5	597			96			7			0			0			0	700	
FEB		Ę	512		7	118			10			2			0			0	642	
MAR		6	690			28			0			0			0			0	718	
APR		7	705			1			0			0			0			0	706	
MAY		5	570			5			0			0			0			0	575	
JUN		ε	534			31			0			0			0			0	665	
JUL		6	65			5			0			0			0			0	670	
AUG		6	377			45			0			O			0			0	722	
SEP		6	89			0			0			0			0			0	689	
OCT		7	36			1			0			0			0			0	737	
NOV		5	95			4			0			0			0			0	599	
DEC		6	07			39			1			0			0			0	647	
YEAR		76	77		3	73			18			2			0			0	8070	

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT						TRATIONS					
OF DATA VALID	MIN	10	30	FREQUENCY 50	DISTR 70	IBUTION. 90	PERCENT 95	0.0			ARITH
01.0	_		-			(#/All	95	98	99	MAX	MEAN
91.9	0	0.0	0.4	1.0	1.7	3.0	4.0	5.6	7.2	16	1.8

UNITS - 0.01 PARTS/MILLION

POLLUTANT - SULPHUR DIOXIDE

STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON MONTH - FEB 76
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

HOUR DAY	1	2	3	4	5.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	3	2	2		****	1
2	****	****	****	****			****	****	****	****	****		****	0	0		0	0	0	0	0	0	0	0	*****
3	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	3	2	2	3	4	2	1
4	2	2	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	3	C	0	0	0	0	0	0	0	0	0	0	2	2	1	3	2	0	0	****	1	-1	3	3	1
6	3	3	4	4	41	4	4	3	0	3	3	2	***	****	****	****	1	2	1	1	1	1	0	1	2
7	0	0	0	0	O	0	1	0	0	0	0	0	0	1	2	3	4	0	1	1	1	-1	1	1	1
8	1	1	1	1	2	3	2	1	1	1	1	1	3	****	****		****	****	****	****	****	****	****	****	*****
9	****	1	1	1	3	2	2	2	2	3	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2
10	1	- 1	1	1	1		****	****	****	2	2	2	3	3	3	2	1	1	1	1	1	1	1	1	2
										200				540			_				00		_	_	
1.1	2	2	2	2	3	3	- 1	2	2	2	****	****	0	. 1	_ 1	2	3	3	1	0	0	0	0	0	1
12								-0.0	3.2.0	0.000.000	121 47 07 22	-	DATA	INVA	LID -	_	_	(44)	_	_	_				
13	****	****	****	****	****	****	****	****	****	****	****	****	-	-	0	0	ō	0	0	2	2	- 1	1	- 2	******
14	1.	1	2	1	:5	2	2	2	2	1	1	1	1	1	1		2	2	2	2	2	1	1	1	1
15	1	1	1	1	3	4	1	1	1	1	2	2		2	2	1	1	1	- 1		1	1		4	11111
16	3	1	1	2	1	2	2	3	2	2	2		2					****	****			****	****		*****
17					107	140	191	0.65		120				INVA					_	_	_	-		-	
18	1	1	2	1	3	1	1	1	1	- 1	1	1	1	2	2	2 3	2	- 2	2	2	2	. !	- 1		,
19	0	2	2 2	3	:2	3	3	4	3	4	4	3		2	2	3	3	1	0	0	0	1	- 1	1	
20	1	1	1		1	1	1	7	1.	1	- 1	0	U	1	1		1	1	1	1	1	3.0	1	0.	,
				- 4	3	3	-		_		2	2	2	2	2		- 4		-	2	•	3	2	2	2
21	1			2		3	3	2	3	2	1	1	,	- 1	1		- 1	- 1	1	- 1	2	1	5	2	
22	1			,		,	,	4		4			;			- 1	í	ò	- 4	,	- 4	1	- 7	1	1
23							****	****		****		****	****	****	****		****	****			****	****		****	*****
24	****							****					****	****		1	1	1	1	•		1	2	2	*****
25	****		27.55		20.2		2	3	5	4	2	2	3	4	5	. 2	غ غ	ż	,	2	,	•	3	2	2
22 23 24 25 26 27	2		3 1	2	2	2	2			1	1	1	1	2	2			1	1	1	1	1	1	1	1
28	2	1	, ,	. 4	1	1	1	1		4	,	1	i	- 7	1	2	1	1		1	1	1	1	1	1
29			2 1		2		,	1	•	- 1	1	i	i	1	,	3	2	2	2	1	í	2	1	1	1
29		,	•		-	•	•	•							•		_	_	_		,	-			15

PERCENTAGE OF DATA VALID - 79.2

MEAN

PERCENTAGE OF DATA INVALID - 20.5

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE STATION . SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON MONTH - MAR HOUR DAY Ō 0 1 2 0 1 2 1 1 2 1 2 1 1 2 1 3 1 ò DATA INVALID 0 0 1 0.5

PERCENTAGE OF DATA VALID - 90.1

PERCENTAGE OF DATA INVALID - 9.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	• SE	NO 5	2020	3	CHURCH	ILL F	K NAF	PIER :	ST KIN	IGSTON	ų			MON	гн - ,	APR.	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	00000000000	0100001000	0 1 0 0 0 1 1 0 0 0	0 0 0 0 1 1 0 0 0	0 1 0 0 0 1 2 0 0 0	0 1 1 0 0 0 0 0 0	1 2 1 0 0 1 0 0	1 1 1 0 0 1 0 0	1 1 1 0 0 0 1 0 0 0 0 0	1 1 0 2 1 0 0 0	1 2 0 0 0 0 0 0 0	1 2 0 0 0 0 0 0 0 0	1 0 0 0 1 0 0 0	1 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 1 0 0 0 0 0 0	1 2 0 0 1 0 0 0 1 1	1 1 0 0 1 0 0 0 0 0 2 1	1 1 0 0 0 1 1 0 0 0 1	1 1 0 0 1 0 0 0 1 0	1 1 0 0 0 0 0 1 1 0 0	1 0 0 0 1 0 0 1 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 1 0 0 0 0 0	1 1 0 0 0 0 1 0 0 0 0
12 13 14 15 16 17 18 19	200000110	0 0 0 0 0 1 1 0	0 0 0 0 0 1 1 0	0 0 1 0 0 0 1 1 0	0 0 1 0 0 0	0001000	0 0 1 0 1 0 1 0 0	0 0 1 0 2 0 1 1 0	0 0 1 1 2 0 1 1 0	0 0 0 1 1 0 1 2	0 0 1 0 1 0 1 0	0 0 1 0 1 0 1 0	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 1 0 0	000000100	0000000000	1 0 0 0 0 1 1 0	2000001010	2011000020	2 0 0 1 0 0 0 1	1 0 0 1 0 0 0 0 0 0	2 0 0 1 1 0 0 1 0 -	1 0 0 1 0 -	1 0 0 0 0 1 1 0 0
21 22 23 24 25 26 27 28 29 30	1 1 0 0 1 1 1 1	1 1 1 0 0 1 1 1	1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 1 1 1	1 1 1 0 1 1 1 1 1	1 1 1 1 1 1 1	1 1 2 1 1	1 1 1 1 1 1 1 2 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 0 1 1 0 1	1 1 2 1 1 1 1 0	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 2 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 0 0 1 1 2	1 1 2 1 1 0 0 1 1 2	1 1 1 1 1 0 1 1 1 1 2	1 1 1 1 1 1 2	****** 1 1 1 1 1 1 1 1
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	٥	0	0	0	1	1	1	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 97.8

PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 1.7

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON MONTH - MAY HOUR 24 MEAN DAY 3 4 5 6 7 8 9 NO000000 12 13 14 15 16 17 18 19 20 0 0 ò 22 23 24 25 26 27 28 29 30 0 * 0 0 0 0 **** MEAN 0.4

PERCENTAGE OF DATA VALID - 98.0

PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

POLLUTANT - SULPHUR DIOXIDE

	STA	TION .	- SE	NO	52020	(CHURCHI	LL I	K NAP	IER	ST KI	NGSTO	N			MONT	гн	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	0000000000	000000000	000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 1	0 0 1 0 0 0 0 0	0 0 0 0 0 0 1	0 0 1 0 0 0 0 1	0 0 1 0 0 0 0 1 0	000000000000000000000000000000000000000	0 0 0 0 0 1 0 3	000000000	00000000	0 0 0 0 0 0 0 0 1	00000000	00000000	0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0	000000100	000000100	0 0 0 0 0 0 1 0 1	000000000000000000000000000000000000000	0 0 0 0 0 0 1
11 12 13 14 15 16 17 18 19	0 0 0 0 0 1 1 0 1	0 0 0 0 0 1 1 1 1 0	0 0 0 0 0 1 1 0 0	0 0 0 0 0 1 0 0 0	000000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0 0	200000000000000000000000000000000000000	1 0 0 0 0 1 0 0	1 0 0 0 1 0 0	1 0 0 0 1 1 0 0 0	1 0 0 0 1 1 0 0 0 1		0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0	1 0 0 0 0 0 0 0	200010000	1000000000	0 0 0 0 0 0 1 0 1	0 0 0 1 0 0 0	0 0 0 0 0 1 0 0	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29 30	1 0 1 0 1 0 1 0 0	0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0	000100000	0 0 0 0 1 - 0	0 0 0 0 0 1 - 0	0 0 1 0 0 0 0 1 1 0 0	0 0 1 1 0 0 0	0 0 1 1 0 0 0 1 - 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0	0 1 1 1 0 0 0 0 0 0 0	0 1 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0	0 1 1 0 0 0 0 0 0	0 1 1 2 1 0 0 . 0 0	0 1 1 1 1 0 0 0 - 1 0	0 0	0 0 1 1 0 0 0 0
MEAN	o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 92.9 PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 3.9

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- -- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	S	TATION	· s	E NO	52020		CHURCHI	LL P	K NAI	PIER	ST K	INGST	ON			MON	тн - ,	JUL	76						
HOUR	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1	0	0	0	0	0	0	О	0	1	1	1		***	1	1	0	O	0	0	0	٥	0	0	0	0
2	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
3	****	1	ō	0	0	0	0	0	0	0	0	0	٥	1	0	0	0	0	0	0	0	-1	0	٥	0
4	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
5		0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	1	1	0	1	1	0
6	0	****	ō	0	0	0	0	1	0	1	1	1	1	****	1	0	0	0	1	1	1	1	1	1	1
7	****	1	1	0	0	٥	0	0	0	0	1	0	****	1	1	2	2	2	1	1	1	1	1	1	,
8	****	Ö	1	1	1	1	1	1	1	1	1	0	****	0	0	О	0	0	0	0	0	0	0	0	0
9	****	0	0	0	0	0	0	0	0	0	1	0	0	0		0	0	0	0	1	0	0	0	0	0
10	0		ō	0	O	0	0	0	0	1	1	0	0	0	0	О	0	0	0	0	0	0	0	0	0
11	0	0	o	٥	0	0	0	0	0	. 0	C			0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	٥	C	0		0	0	0	0	O	0	0	0	0	0	0	0
13	0		0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	U		0
14	0	0	0	0	0	0	٥	0	0	0	C	****	0	0	0	0	0	0	0	0	0	O	-		0
15	0	0	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	٥	0	0	0	0	~		0
16	ō		0	0	0	0	0	0	0	0	0	****	0	0	1	1	0	0	0	0	0	0	•		0
17	ō		ō	0	0	0	0	0	0	0	c	****	0	0		0	0	0	0	0	0	0	0		D
18	o		0	0	0	0	0	0	0	0	C	****	٥	0		0	٥	0	0	0	0	0		****	0
19	0	0	0	0	C	0	0	0	0	0	C	****	0	0	0	0	1	1	1	1	1	1		****	0
20	0		0	1	O	0	0	0	0	1	1	****	1	1	1	0	0	0	0	0	O	0	0	* * * *	0
21	0	0	0	0	0	0	o	0	0	٥	c		0			0	O	0	0	0	0	0			0
22	o		O	0	0	0	0	0	0	0	0	****	0			0	0	0	0	0	1	0	855		О
23	0		0	0	0	0	0	0	0	0		****	0	0		0	0	0	0	0	0	0	_	****	0
24	0		0	0	0	0	0	0	0	0	C	****	0	0	0	0	0	0	0	0	0	0		****	0
25	0		0	0		0	0	0	0	0) ****	٥	0	D	0	0	0	0	0	0	0			0
26	o	0	0	0	0	0	0	1	1	1	1	****	0	0		0	О	0	0	0	0	0	~	****	0
27	Ö		0			0	0	0	0	0		****	0	0		0	0	0	0	0	0	0			0
28	ō		ō			0	0	0	0	0	(****	0	0	O	0	0	0	0	0	0	0	- 5		0
29	ō		ō			0	0	0	0	0	***		0	0	0	0	0	0	0	0	0	0	_	****	0
30	Ö		ŏ			0	0	0	0	0	0) ****	0	0	0	0	0	0	0	0	O	0	0	****	0
31	0	0	0	0	О	0	٥	0	0	0	(0	0	0	0	1	0	0	0	0	0	0	• • • •	0
MEAN	o	. 0	0	0	0	٥	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 7.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- SE	NO 5	2020		CHURCHI	LLL	PK NA	PIER	ST K	NGST	NC			MON	TH -	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	0000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0	0 0 0 1 1 0 0 0 0 0	**** *** *** *** O O O	0000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 0 0 1 0	0 0 0 0 1 0 0 0 1 0	0 0 0 1 0 0 1 0	0 0 0 0 0 0 1 0	0 0 0 0 0 0 1 0	000000000	0 0 0 0 0 0 0 0	**** **** **** 0 0 0 0 0	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000	000000000	0000000000	0 0 0 0 1 0 0 0 0	1 0 0 0 0 1 0 0 0 0	1 0 0 0 0 0	0 1 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0	1 1 0 0 1 0 0 1	1 1 0 0 1 0 0 0	1 **** O	1 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0	2 1 1 0 0 0 0 0 0 0 1	2 1 2 0 0 0 0 0 0 0 1	1 2 0 0 0 0 0 0 1	1 1 0 0 0 0 0 1	1 2 0 0 0 0 0 1	1 1 0 0 0 0 1 0 1	1 1 0 1 0 0 1	1 1 0 0 0 0 1 0 1	-	1 O **** *** *** *** ***	1 1 1 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 1 0	0000000	000000	0000000	0000000	0000000	1 0 0 0 0 1 0	1 0 0 0 0 0 1 0	1 1 0 0 0 0 0 1 ****	1 1 0 0 0 0 1 ****	1 1 0 0 0 0 0	**** **** **** ****		0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1		0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	1 1 0 0 0 0 0
31 MEAN	0	0	0	0	0	0	0	0	0	0	٥	0		I NVA L O	ID - 0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 81.9

PERCENTAGE OF DATA INVALID - 18.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- " INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON MONTH - SEP 76 HOUR 9 10 11 12 13 23 24 MEAN DAY 0 **** **** ****** 0 **** *** o **** *** 1 **** 0 **** **** O 0 **** **** **** **** **** **** 7 * * * * 0 **** **** 1 **** **** 1 **** **** 12 13 1 **** *** 0 **** **** **** **** 1 **** **** ŏ o 0 0 **** **** ŏ n 16 17 0 **** 0 **** **** **** *** 0 **** O 0 **** 1 **** 19 0 **** ō 23 24 0 **** ō 1 **** 0 0 1 o o 0 **** 2 **** 1 **** 27 0 **** **** 0 **** **** **** 0 **** 1 **** MEAN 1 **** 0 0 0.3

PERCENTAGE OF DATA VALID - 85.0

PERCENTAGE OF DATA INVALID - 13.3

PERCENTAGE OF DATA UNAVAILABLE - 1.7

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

POLLUTANT - SULPHUR DIOXIDE

	STA	TION	- s	E NO	52020)	CHURCHI	LL P	K NAI	PIER	ST KI	NGST	N			MON	TH -	OCT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	****	1	1	1	1	1	2	2	3	2	2	3	****	1
2	2	1	0	0	O	1	1	1	0	0	0	****	0	0	0	1	1	1	1	1	1	1	0	****	1
3	0	O	0	0	0	0	٥	О	1	1	1	****	1	٥	0	0	0	0	1	1	. 1	1	1	****	0
4	0	0	0	0	O	0	1	1	1	1	1			****		****	****	****	****	****	****	****	****	****	*****
5	****	0	0	0	O	0	1	1	1	1	1	1	****	1	0	0	0	0	0	0	0	0	0	0	0
6	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	1	0	0	0	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	ő	ő
9	****	0	0	0	0	0	0	0	0	0	0	-	****	0	0	0	0	0	0	0	0	1	1	1	Ö
10	****	0	0	0	0	0	Ü	Ü	0	. 0	U	U		U	0	U	·	U	U	1	U	1	,	181	U
11		0	0	1	1	0	1	1	0	0	0	0	****	0	0	0	0	1	2	2	1	2	3	2	1
12	****	1	1	1	1	0	0	0	0	1	1	****	****	0	0	0	C	0	0	0	0	0	1	1	0
13	****	0	0	0	()	٥	1	1	1	- 1	1		****	1	1	0	0	0	0	0	0	0	0	0	0
14	****	O	0	0	o	0	0	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
15	****	0	0	0	0	0	0	0	0	0	3	1	****	1	3	0	0	0	0	0	0	0	0	0	0
16	****	0	0	0	1	0	0	0	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
17	****	0	0	0	O	0	0	1	1	0	O	0	****	0	0	0	1	1	3	1	0	0	0	0	0
18	* * * *	0	0	0	0	0	0	0	0	0	1	0	****	0	0	0	0	0	1	1	4	D	0	0	
19	****	0	0	0	0	0	O	0	0	0	0	1	****	1	****	0	0	0	0	0	0	0	0	0	
20	****	0	0	0	2	٥	0	0	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0
21	****	0	0	0	2	0	0	0	0	0	0		****	0	0		0		0	0	0	0	0	1	0
22	* * * *	0	0	0	0	0	0	0	0	0	1		****		0		0	0	О	0	0	0	0	0	
23	****	0	0	0	0	0	0	0	0	0	0	0		0	0		0		1	0	1	1	0	1	0
24	****	0	0	0	0	0	1	1	1	1	1	1	****	0	0		0	0	0	0	0	0	Ö		0
25	****	0	0	0	D	0	0	0	0	0	0	0	****	0	0		Ö		0	0	0	0	- 1	ò	0
26	****	0	0	0	0	0	0	0	0	2	٠	٠	****	0			ő	0	0	1	0	1			1
27	****	ō	0	0	1	2	2	3	2	2	2	- 1	****	1	0	1	•	٠	4	5	2	3	2	2	2
28	****	ņ	0	1		1	Ÿ	,	1	2	2	2		2	3	2	2		- 4	0	2	1	3	- 1	
29	****	1	- 1	1	1	1	1	4	4	2	- 1	1		1	3		2	2	4	3	0	2	3		2 2
30	****	3	1	1	i.	1	,		2	2		,			1		-	2	4	3	3	2	-	- 5	2
31	****	1	1	1	0	0	О	O	0	0	0	0	****	0	0	0	0	0	0	1	0	2	2	1	0
MEAN	0	٥	0	0	0	٥	٥	1	1	1	1	1	1	0	٥	0	0	0	1	1	1	1	1	0	0.4

PERCENTAGE OF DATA VALID - 90.2 PERCENTAGE OF DATA INVALID - 9.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - NOV CHURCHILL PK NAPIER ST KINGSTON STATION - SE NO 52020 12 13 24 MEAN HOUR DAY 0 0 **** ō Q n 0 0 **** **** ŏ ō ō n 0 **** **** 12 0 **** * * * * D 0 0 **** 0 0 ō 14 15 ō **** **** Ö 0 **** 1 **** ō ō 17 1 **** **** 0 **** ō **** **** 22 23 24 0 **** 0 **** **** 0 **** **** **** **** - DATA INVALID 27 28 DATA INVALID - DATA INVALID DATA INVALID 0 ***** 0 **** 0.4 MEAN ****

PERCENTAGE OF DATA VALID - 71.7 PERCENTAGE OF DATA INVALID - 28.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	· S	E NO	52020		CHURCH	ILL	PK NA	PIER	ST KI	NGST	N			MON	rH - 1	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	0	0	0	1	1	1.	1	1	4	1	1	****	1	1	2	2	2	2	Ť	1	1	1	1	1
2	****	2	2	2	2	2	2	2	2	* * * *	1	1	***	0	0	1	0	0	0	0	n	****	***	****	1
3	****	0	1	2	2	2	3	3	3	4	3	3	****	1	Ö	0	2	3	4	3	o o	0	0	1	غ غ
4	****	1	0	0	1	1	1	1	1	1	1	1	****	0	0	1	1	1	1	1	1	1	1	1	1
5	****	1	1	0	1	-1	1	4	6	4	0	- 1	* * * *	1	O	o.	2	Ó	o	Ó	Ó	1	1	1	i
6	****	2	1	2	3	2	2	3	4	4	3	1		•	Ô	1	-	1	1	1	1	4	1	4	ż
7	0	ō	Ö	0	1	1	1	1	2	2	2	2	****	2	1	1	•	- 1		ò		4	3	- 4	1
8	****	1	õ	0	0	o	1	1	î	ō	õ	_	****	2	3	ò	- 1	2	3	õ	,	4	1	- 4	4
9	****	ò	Ö	0	Õ	Ö	1	3	4	1	ő		****	1	1	1	ò	ō		2		,	ò	o	
10	0	0	1	0		0	*	1	- 1	4	2	1	4		4	- 4	·	7	2		1	0		2	
10		Ü	*						- 10		-	1			1	-1		1	1	1	1	1	4	2	1
11	1	0	0	0	0	0	1	1	1	0	0	1	1	2	4	1	1	0	0	0	· 0	0	0	0	1
12	2	2	2	2	2	2	2	2	3	3	3	3	3	4	2	2	3	1	1	- 1	1	1	,	1	2
13	1	0	ō	0		2	2	1	0	o	ō	ō	ō	0	ô	- 1	1	i	1	- 4		+	2	2	
14	4	6	2	2	1	1	1	1	1	1	1	2	2	2	2	ó	2	2	3.50		****	4	-	3	2
15	5	4	4	2	3	2	3 *	***	****	4	1	1	2	1	1		2	2				1	•	1	2
16	1	1	1	- 1	1	Ť	-		****	1	1	4	1	4		4	-	2	- 50	* * * *		į.	2	2	
17	2	ż	1	- 4	1	4	- 2			2	2	2	,	4			*		_	****		1	2	- 4	- 1
18	1	1	2		1	,			****	1	2		4	ó		ó	ó	ó				3	2	1	1
19	1	ò	1	2	1	2			****	3	4	3	2	2	2	2	2	2		****		- 1		- 1	1
20		-		2	2	3	-		****	5	5	5	5	4	2	2	2	2	2.5			1			2
20	192		:10	2	*	3	3			5	3	5	3	4	2	2	2	2	11			0	0	1	2
21	****	2	1	1	0	0			****	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0
22	1	1	2	1	1	1			****	2	5	6	1	2	1	0	0	0	1	* * * *	****	****	1	2	2
23	2	2	2	2	2	2	-		****	- 1	1	- 1	1	1	1	1	2	1	1			0	0	0	1
24	0	0	0	0	0	1	1 *	***		1	2	2	2	2	2	1	1	1	1	***	****	0	0	0	1
25	0	0	1	1	1	1	1 *	***	****	1	1	1	2	1	1	1	2	2	2	* * * *		1	1	1	1
26	1	1	1	1	2	2	2 *	***	***	1	0	0	0	0	0	0	1	1	0			0	0	0	1
27	0	0	0	0	0	0	0 *	***	****	0	0	0	0	0	0	1	1	1	1	****	****	2	1	1	0
28	1	0	0	0	0	0	0 *	***	****	0	0	0	0	0	0	0	0	0	Ö	2		1	1	1	ō
29	2	2	2	2	2	2	2 *	***	****	1	1	1	1	2	2	2	2	3		****		5	4	1	2
30	0	0	0	0		0	0 *	***	***	0	0	0	0	0	o	1	1	1	_	* * * *		ŏ	0	Ö	ō
31	0	1	1	1	1	1	1 *	***	***	2	3	1	٥	0	0	1	0	0	0			0	0	0	1
MEAN	1	1	1	3	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 87.6 PERCENTAGE OF DATA INVALID - 12.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION .	SE NO 52020 CHURCHILL	PK NAPIER ST KINGSTON		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVA	ILABLE	
FEB	21	1.4	2	5
MAR	27	0.5	2	4
APR	29	0.6	i	2
MAY	31	0.4	2	9
JUN	28	0.2	1	· 3
JUL	31	0.1	ď	2
AUG	27	0.2	1	3
SEP	28	0.3	1	3
oct	30	0.4	2	5
NOV	24	0.4	2	4
DEC	31	1.1	2	6
YEAR	307	0.5	2	9

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION . SE NO 52020 CHURCHILL PK NAPIER ST KINGSTON

MONTH O	0 TO 04	05 TO 10 11	TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL	
JAN		DATA UNAVAIL	ABLE					
FEB	549	2	0	0	0	0	551	
MAR	670	0	0	0	0	0	670	
APR	704	0	0	0	0	0	704	
MAY	725	4	0	0	0	0	729	
JUN	669	0	0	О	0	0	669	
JUL	690	0	0	0	٥	0	690	
AUG	609	0	0	o	٥	0	609	
SEP	612	0	0	0	0	0	612	
oct	670	1	٥	0	0	0	671	
NOV	516	0	0	0	0	0	516	
DEC	641	11	0	0	0	0	652	
YEAR	7055	18	0	0	0	0	7073	

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT	E-70-1				CONCEN'	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	XAM	MEAN
88.0	٥	0.0	0.0	0.0	0.3	1 0	1.6	2.3	2 9	9	0.5

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JAN 76 HOUR 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN DAY DATA INVALID 6 **** 16 17 22 23 24 25 27 R R MEAN 3.2

PERCENTAGE OF DATA VALID - 91.9

PERCENTAGE OF DATA INVALID - 7.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	ST	MOITAT	1 -	SE NO	5605	1	MEMOR	MAL	PARK	YORK/	THIRD	ST	CORN	MALL		MON	NTH -	FEB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	4	3	4	5	6	3	3	3	2	2	2	2	2		_			92		-	
2	10	5	3 7	3	2	3	4	3		7	4	2	2	2	2			2	2	2	1	1	****	2	3
3														INVAL	TD -				****	7 7 7 7			****		***
4	***	***	* * * *	***	***	****	****	***	****	2	4	4	3	3	4	5	2				1	1			*****
5	1	1	1	1	2	3	2	3	6	3	3	5	3	7	6	8	5	2	4	1	2	1	2	2	
6	1	1	2	2	2	2	2	2	3	3	****	4	3	4	6	3	2	2	2	2	2	2	2	2	3 2
7	2	3	2	3	7	3	2	1	1	2	4	3	3		ã	3	1	ī	ì	1		1	1	- 1	2
8	1	1	1	1	1	2	2	3		3	3	3	3	3	3	2	2			9	4	4		2	
9	2	2	2	3	2	2	2	2			4	5		-		7	4	2	2	2	2	2	3 2	2	3
10	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	4	4	3	3	2 3	2	2	3
11	4	4	2	2	2	2	1	4	1	1	2	2	3	3	11	10	2	1							-
12	1	1	1	1	2	2	4	2	2	2	2	1	3	5	4	2	ī	3	,		1	2	۵	2	2
	2	3	2	2	2 2	2 2 2 4	3	5	5	6	5	3	4	2	2	2	1	1	1	,	- 1	-	2	2	3
14	2	2	1	2			4	3	3		3	5	5	4	4	4	6	6	2	ż	2	4	2	2	3
15 16 17	1	1	1	1	2	2	3	3	2	2	5	3	2	2	3	3	2	6 3 2	3	2	2	5	2 6	6	
16	3 2 2	4	3	3 2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	1	1	2	5 2	2	2	3 2
17	2	3	2	3	3	4	3	3	3	2	2	2	2	4	4	4	3	2	2	2	2	2	2	4	3
18	2	2	2		3	3	4	5	3 6 5	5	4	4	0	1	3	2	4	4	4	4	4	4	4	4	3
19 20	5 2	5	4	5	6	6	6	5	5	5	5	5	5	5	4	4	4	6	6	3	3	4	3	2	5
20	2	2	2	2	1	2	1	1	2	2	2	7	3	4	3	5	9	4	1	1	1	1	2	1	3
21	2	2	1	2	2	2	1	2	2	2	2	2	2	3	2	5	3	3	2	2	2	2	2	2	2
22	2	2	2	1	1	2	1	1	1	1	1	1	2	2	2 2 3	1	1	1	ī	1	1	1	1	1	1
23	1	1	1	1	1	1.	1	1	2	3	6	7	6	5	3	2	2	2	****	- 1	2	2	1	ż	,
24	2	2	2	2	2	4	2	2	4	4	4	5	6	7	6	5	5	5	5	4	4	4	3	3	4
25 26	3	3	2		2	2	3	5	6	6	5	5	5	5	6	6		****	5	4	4	3	3	3	4
26	5	4	4	3	3	4	4	4	5	4	5	4	4	3	6			****	* * * *	****	****	****		****	*****
27	****	****	****	****	****	****	****	****	****	****	****	****		****	****	***		****	****	****	5	5	5	5	*****
28 29	4	5	4	3	4	2	4	4	4	4	4	4	5	5	4	4	5	7	3	3	2	2	2	2	4
29	2	2	4	3	2	2	2	2	2	3	8	7	6	6	4	4	5	5	4	3	4	6	4	2 3	4
MEAN	3	3	2	3	3	3	3	3	3	3	4	4	3	4	4	4	3	3	2	2	2	2	2	2	2.9

PERCENTAGE OF DATA VALID - 88.8 PERCENTAGE OF DATA INVALID - 10.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	1 - 9	SE NO	56051		MEMOR	IAL	PARK Y	ORK/1	HIRD	ST.,	CORNV	MALL		MON	тн -	MAR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	5	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
2	2	1	1	2	2	2	3	3	3	3	4	4	4	4	4	4	4	3	3 5	3	3	3	2	2	3
3	4	2	2	3	2	3	4	4	4	4	5	4	5	5	5	5	5	4		5	4	4	4	4	4
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	4	4	3
5	4	3	5	8	5	7	4	4	3	****	****	6	4	3	5	****	7	5	5	3	3	4	4	6	5
6	4	3	3	4	4	3	3	4	3	5	В	5	8	6	5	4	3	3	3	3	3	3	3	3	4
7	5	3	3	3	3	3	3	3	3	3	3	4	5	5	6	7	5	7	3	4	8	5	4	4	4
8	4	9	9	10	8	6	3	3	4	3	6	7	7	9	5	4	3	3	3	3	2	2	2	2	5
9	3	3	3	4	4	3	3	3	3	3	5	6	4	5	5	3	4	3	3	3	2	3	3	3	4
10	4	4	2	3	3	3	2	3	3	3	3	4	8	6	5	9	7	9	4	4	3	3	3	3	4
11	3	5	4	5	6	8	7	3	3	3	4	4	4	4	3	3	3	3	5	7	6	4	4	4	4
12	4	4	3		4	2	5	9	6	3	4	4	3	3	3	3	3	3	2	3	3	4	4	3	4
13	4	3	4	3	3	2	2	3	3	4	3	3	4	5	4	5	3	3	3	3	3	3	3	3	3
14	3	3	9		10	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4
15	3	6	4	4	3	3	3	3	3	4	5	4	8	4	4	4		2	2	2	2	2	2	3	3
16	3	3	3		:2	3	2	2	3	2	2	2		2	3	3		****	****	****	* * * *	ō	- 1	1	5
17	3	2		2	.2	3	3	4		****	7	6	8	5	5	6	4	10	****	11	2	2	1	1	4
18	2	4		4	.2	5	1	2	3	5	4		4	4	6	9	6	3	2	2	2	5	2	2	3
19	2	2	4	4	.4	2	2	2	ã	3	4	5	5	5	7	9	7		4	4	5	6	9	7	5
20	6	7	7	7	6	5	6	5	3	3	3	3	3	3	2	2	3	3	3	3	4	3	3	3	4
21	3	2			1	1	1	1	1	1	2	3	2	1	0	٥	1	1	2	1	1	0	0	1	1
22	0	0	0	0	()	1	0	0	0		****	****	****		****	****	****	****	****	****	****			****	*****
23	****	****		****	****	****	****	****			****	****	• • • •	3	4	5	5	5	3	3	2	2	2	2	*****
24	2	2	2	2	3	1	2	2	2	3	5	****	****	****	****	****		****	****	****	****	****			*****
25	2	2	1	1	1	1	0	0	****	• • • •	2	2	2	2	2	2	2	2	2	1	2	2	3	2	2
26	3	3	2	2	.2	2	2	2		2	2	3	3	3	3	2	2		2	1	4	3	2	2	2
27	2	1	1	1	2	2	2	2		2	3	2	2	2	2	2	2		2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	1	3	9	10	9	8	9	9	8	2		2	2	2	2	2	2	4
29	1	1	2		2	2	2	2	4	10	5	1	0	2	2	6	3	1	1	2	2	2	2	2	2
30	2	2	2	2	1	1	2	2	3	3	2	1	1	1	1	1	2	2	2	2	2	3	2	2	2
31	3	3	3	3	2	2	3	3	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	2
MEAN	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 92.3 PERCENTAGE OF DATA INVALID - 7.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MEMORIAL PARK YORK/THIRD ST .. CORNWALL STATION - SE NO 56051 MONTH - APR 76 9 10 1.1 12 13 14 15 16 18 19 20 21 22 23 24 MEAN 8 HOUR DAY 9 10 11 12 13 14 15 16 17 18 19 20 0 **** 10 21 22 23 24 25 26 27 28 2 2 2 30 5

2 PERCENTAGE OF DATA VALID - 85.4

2 2 2

2

MEAN

PERCENTAGE OF DATA INVALID - 14.4

3 3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

2 2

3 3 2

2.6

2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

3

- " " INDICATES DATA IS UNAVAILABLE
- 3. " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

3 3 3

MEMORIAL PARK YORK/THIRD ST., CORNWALL STATION - SE NO 56051 MONTH - MAY HOUR 24 MEAN DAY В В INVALID 27 MEAN

PERCENTAGE OF DATA VALID - 78.9

PERCENTAGE OF DATA INVALID - 17.9

PERCENTAGE OF DATA UNAVAILABLE - 3.2

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH . JUN HOUR 1.1 DATA INVALID n O 24

PERCENTAGE OF DATA VALID - 80.7

0 0

MEAN

PERCENTAGE OF DATA INVALID - 19.3

2 2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

1 1

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	MOITA		SE NO	56051		MEMOR	RIAL	PARK	ORK/T	HIRD	ST	CORN	VALL		MO	NTH -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	\$ 1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	Ĭ	0	1	1	٥	٥	1	1	1	1	1	1	1	1	2	1	1	8	4	1	1	1	1	1
2	1	٥	0	0	O	0	0	0	****		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	3	4	3	2	2	2	1	2	2	2	1	1	1	2
4	1	1	0	0	1	2	3	5	21	5	3	4	3 2	2	3	2	3	2	2 2 2	2	1	2	1	1	3
5	1 2	2	- 1	- 1	2	- 1	1 2	****	2		5	3		2	. 2	1	1	1	2	2	2	1	1	1	2
7	1	- :	1	1	5	2	1	2	2	3	8	5	3	12	10	5	5	3		2	2	2	2	1	3
	÷		- 1		1	- 1		1	2	2	2	2	2	****		6	5	3	1	1	1	1	1	- 1	1
9	2	1	ò		****				4	3	2	3	5	4	3	9	3	5	8 2	2	0	1	3	4	2
10	1	i	1	1	1	1	1	1	1	3	2	1	2	2	2	9	1	1	1	ī	5	3 1	1	i	2
11	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	О	1	1
12	1	2	2	2	1	1	0	0	0	O	0	0	1	3	2	3	6	2	2	1	1	3	2	3	2
13	4	6	5	3	31	2	1	1	1	1	1	1	1	• • • •	1	1	1	0	0	0	1	0	0	****	2
14	****	••••	••••	••••	****	••••	••••	****		0	0	1	1	2	1	1	1	1	1	1	0	0	0	0	*****
15 16	0	0	0	0	0	. !	. !	- 1	••••	3	2	0	0	••••	••••	3	14	8	2	3	4	2	1	1	2
17	****	****										1		••••	••••	••••	****	****	****	• • • •			****	••••	*****
18	1		2	1	1	2				2	2	2	0	0	1		0	o	0	0	0	0	0	0	*****
19	ó	ò	ō	ò	ò	ō	•	i	2	2	2	3	2	2	3		1	i	0	0	٥	0	0	0	3
20	2	2	2	2	2	2	2	2	2	2	3	2	3	4	4	2	ż	2	2	2	1 2	2	1	1	2
21	1	1	1	0	0	0	0	٥	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1	1	1	1	1	0	0	11	1	0
23 24	1	1	0	0	0	0	0	1	1	****	0	1	1	1	2	2	2	2	1	2	1	1	1	1	1
25	ò	ò	6	ò	ò	2	3	2	2	0	ò	0	- 1	- 1	1	1	1	1	0	0	٥	0	0	0	1
26	ŏ	ň	ő	ő	0		,	1	ő	ő	1	•	- 4	- 1	,	٥	٠	0	0	0	0	0	0	0	0
27	ŏ	0	ŏ	ő	Ö	0 0	ò	ó	ő	2	2	2	,	2	2	2	6	,	1	0	2	0	2	2	1
28	ō	ō	ŏ	0	0	ō	ō	1	ŏ	7	ō	ō	7		1	1	1	1	ò	ŏ	ŏ	0	ò	ò	à
29	0	0	0	0	0	0	0	****	1	1	1	1	0	0	ò	Ö	ò	ò	ő	ŏ	ő	0	ŏ	ŏ	ŏ
30	0	0	0	0	0	0	0	0	****	0	0	0	1	1	1	1	1	ī	1	ĭ	ĭ	1	1	ŏ	ŏ
31	1	3	0	0	0	0	0	0	1	1	1	3	2	1	1	1	4	1	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 7.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - .. INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION .	s	E NO	56051		MEMOR	RIAL	PARK Y	ORK/T	HIRD	ST.,	CORNW	ALL		MON'	тн - ,	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6	00012100	0 0 1 1 1 0 0	0 0 1 1 1 0 0	0 0 1 2 1 0	0 0 0 1 2 1 0 0	0 0 0 1 2 1 0	0001200	0 1 2 0 0	0 1 2	0 0 1 2 0 0 0	0 0 0 2 3 1 0 0	0 1 2 3 0	0 0 1 3 3 1 1 0	0 0 1 2	0 1 1 2 1 1 0	0 1 1 2 3 1 0	0 1 1 2 2 1 0	0 1 1 2 3 1 0 0	0 0 2 3 0	0 0 1 1 3 0 0	0 0 0	0 0 1 1 2 0 1 0	0 0 1 1 0 0	1 1 0 0 0	0 0 1 1 2 1 0 0 0
9	0	0	000		····	••••	••••			1	2	2	1	20	2	2	1	1	1	1	1	1	1	1	1 0
11 12 13 14 15 16 17 18 19	1 0 2 0 0 0 2 0 0 1	0 2 0 1 0 0 1	1 0 2 0 1 0 1 0 1	1 0 1 1 0 0 1 0 0 1	1 0 2 1 1 0 0 1	1 1 2 0 2 1 0 0 0 1	2020211001	2 1 2 0 3 3 1 1 0 0	0 1 1 1 1	2 3 0 3 1 1 1 0	4 4 1 0 2 1 1 2 1 2	2 3 1 0 2 1 1 3 1 2	0 3 1 1 2 1 1 1 1 2	0 3 1 1 0 1 1 1 2 2	1 3 1 1 1 1 1 1 1 3	1 2 1 0 1 1 2 1 4	0 2 1 1 0 1 1 2 2 4	1 2 1 1 1 1 2 3	2 2 1 0 0 1 1 2 1 3	1 2 1 0 0 1 0 1 2 3	0 2 0 0 0 1 0 1 1 3	2 2 0 0 1 1 0 1 1 3	3 2 0 0 1 0 0 1 1 3	1 2 0 0 1 1 0 1 2 3	1 2 1 0 1 1 1 1 1 1 2
21 22 23 24 25 26 27 28 29	3 5 0 1 1 1 2 2	3 4 5 0 1 1 1 2 2 2 1	3 4 0 1 1 2 2 1	3 3 2 0 1 1 1 2 2		3 3 0 0 1 1 1 2 3 1	4 3 0 0 1 1 1 2 3	0022	6 0 1 1 2 1	5 5 0 3 2 1 3 2 4 1	4 5 1 4 2 1 3 2 3 1	5622323220	5 4 2 2 4 0	5 0 1 3 0	5 4 3 3 2	4 5 1 2 3 3 3 2 1	4 4 1 1 3 3 3 2 1 1	4 4 1 1 3 2 3 2 1 1	4 1 2 2 2 3 2 1 0	5 3 1 1 2 1 3 2 1 1	4 3 0 1 2 1 2 1	4 4 1 1 2 1 2 2 1 1	4 4 0 1 1 1 2 2 1 0	3 4 0 1 1 1 2 2 1 1	4 4 1 1 2 1 2 2 2 1 1
31 Mean	1	1	1	1	2	0	1	1	2	1	2	1 2	•••• 2	1	1 2	1	1	2	1	1	1	1	1	1	1 1.3

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - -- INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION		E NO	56051		MEMOR	IAL F	ARK Y	ORK/T	HIRD	ST	CORN	ALL		MOM	ITH -	NOV	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	0 0 2 2 1	0 0 2 2 1	0 2 2 1	0 2 2 1	0 0 2 1 1	0 1 2 1 1	0 1 3 1 1	1 1 4 1 1	0 8 2 1	0 3 1 2	0 3 2 1	2 2 1	1 2 3 1 1 5	1 3 1 1	1 1 1 2	0 1	2	1 1 2 1	1 1 2 2	1 1 2 2	1 2 2 1	1 2 2 1 2 3	0 1 2 1 2	0 2 1 1	0 1 2 1 1
7 8 9 10	0 4 1 0	0 0	6 0 0	1 1 0 0	0 0	0 0	9000	0	0 0	0	3 0 0	5 0	3 1 0 1	3 1 0 1	5 1 0 1	1 0 0 1	0 0 0 2	0 0 2	2 1 2 0 2	2 0 2 0 3	3 0 0 5	0 1 0 5	0 0 0 2	0 0 1 4	0 0 2
11 12 13 14 15 16 17 18 19	3 0 6 8 3 1 4 3 0	4 1 6 9 3 2 5 7 0	8 0 3 6 2 2 4 3 0 2	7 0 1 6 1 2 1 2 0	4 1 1 1 2 2 2 2 0 0	4 1 10 2 1 2 2 0	3 1 1 9 1 1 2 3	3 0 1 8 2 1 2 4 4	4 2 4 2 1 5 4 3	3 3 2 5 2 3 0	2 2 3 2 2 4 4 2 0	4 2 2 2 2 5 11 2	4 2 2 2 4 4 10 2	3 5 2 2 3 4 8 2 3	2	3 2 2 3 5	2 2 5 3 1 3 4 3	2 2 8 4 2 3 2 2 6 3	0 2 9 3 2 2 2 3 7 3	0 1 10 5 1 2 2 2 4	0 4 4 4 2 4 2 2 1 4	0593332213	0 2 3 3 2 3 2 1 1	0 3 4 3 2 4 2 0 1 0	3 4 5 2 2 3 4 2 2
21 22 23 24 25 26 27 28 29 30	2 5 2 1 2 2 0 3	3 11 2 2 2 2	2	2 4 2 8 2 2 0	2 4 2 6 2 2 0 1	1 9 2 3 2 3 0 1	1 6 2 2 2 2 2 0 1	1 3 2 3 2 1 0	2 2 2 2 2 1	2 2 2 2 2 2 2	2 3 2 2 2 1 1	2 5 2 2 1 1	1 5 2 2 1 2 0 1	2 4 2 2 1 1 0 1 2	2 4 2 1 2 0	15 2 1	1 4 2 2 1 3 0 2	2 2 2 1 2 0	2 2 2 2 2 1 3 0 1 2	2 2 2 2 1 2 0 1 2	7 3 2 2 1 2 0 5	8 2 2 2 1 2 0 1 2	10 4 2 2 1 2 0 1 2	4 3 2 2 1 2 0 1 2	3 4 2 2 2 1 1
MEAN	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 90.8

PERCENTAGE OF DATA INVALID - 9.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- ... INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - DEC 76 STATION . SE NO 56051 14 15 16 3 4 B 9 10 12 13 17 HOUR 6 11 18 19 20 21 22 23 24 MEAN DAY 1 2 3 4 5 6 7 8 9 10 11 3 12 14 15 16 17 5 8 12 3 9 18 6 12 0 10 20 21 22 23 24 25 26 27 14 - DATA INVALID -0 0 4 2 2 000 0 28 29 0 0 0 0 0 ō 30 31 1

3 3 2

MEAN

PERCENTAGE OF DATA VALID - 81.9 PERCENTAGE OF DATA INVALID - 18.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

2.9

3

3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	SE NO	56051	MEMORIAL	PARK	YORK/THIRD	ST.,	CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	3.2	7	14
FEB	24	2.9	5	11
MAR	28	3.2	5	11
APR	24	2.6	5	12
MAY	21	2.4	5	12
NUL	22	1.3	2	15
JUL	28	1.2	3	21
AUG	31	1.3	4	6
SEP	27	1.3	4	22
OCT	28	1.8	6	14
NOV	28	2.0	5	15
DEC	25	2.9	10	14
YEAR	315	2.2	10	22

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	SE NO 56	051 MEN	MORIAL PARK	YORK/THIRD	ST., CORN	WALL		
MONTH	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL	
JAN	549	125	10	0	0	O	684	
FEB	520	97	1	0	0	0	618	
MAR	569	117	1	О	0	0	687	
APR	539	72	4	0	0	0	615	
MAY	507	73	7	0	0	О	587	
JUN	563	17	0	1	0	0	581	
JUL	664	21	2	1	0	0	688	
AUG	703	1 4	0	0	0	0	717	
SEP	638	22	2	4	0	0	666	
OCT	610	78	2	0	0	0	690	
NOV	601	49	3	1	0	0	654	
DEC	473	117	19	0	0	0	609	
YEAR	6936	802	51	7	0	0	7796	

FREQUENCY DISTRIBUTION BY PERCENTILES

DERCENT OF DATA	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT												
VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN		
88.8	0	0.0	0,5	1.2	2.0	4.2	5.8	8.1	9.5	22	2.2		

UNITS - 0.01 PARTS/MILLION

PERCENTAGE OF DATA UNAVAILABLE - 86.0

POLLUTANT - SULPHUR DIOXIDE

STATION -NW NO 61010 LASSIE/DICKENSON RDS BALMERTOWN MONTH - JAN 24 MEAN HOUR DAY - DATA UNAVAILABLE DATA UNAVAILABLE 3 4 DATA UNAVAILABLE DATA UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 12 13 14 15 DATA UNAVAILABLE DATA UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE UNAVAILABLE 17 18 DATA UNAVAILABLE DATA UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE 22 23 24 25 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 27 DATA INVALID 1 0 **** ...0 35 16 5.5 MEAN

PERCENTAGE OF DATA VALID - 8.2 PERCENTAGE OF DATA INVALID - 5.8

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS . 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE MONTH - FEB NW NO 61010 LASSIE/DICKENSON RDS BALMERTOWN STATION 24 MEAN HOUR DAY Δ 0 ***** 0 ----13 15 16 0 ****0 0 ,... ō n n ...0 n .. 0 ***** D O n DATA INVALID 26 2 **** 28 - DATA INVALID -DATA INVALID 1.0 MEAN

PERCENTAGE OF DATA VALID - 47.1 PERCENTAGE OF DATA INVALID - 52.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NW NO 61010 LASSIE/DICKENSON RDS BALMERTOWN HOUR 24 MEAN DAY - DATA INVALID -3 4 5 6 7 INVALID DATA INVALID DATA INVALID DATA INVALID DATA INVALID 0 0 0 **** **** . 0 n 13 14 **** O ō DATA UNAVALIABLE . 16 DATA UNAVAILABLE 18 19 DATA UNAVAILABLE - DATA UNAVATIABLE UNAVAILABLE - DATA UNAVAILABLE 22 23 24 DATA UNAVAILABLE DATA UNAVAILABLE 26 27 . 1 0 2 0 0 ò O ō O ŏ MEAN 1.2

PERCENTAGE OF DATA VALID - 41.0

PERCENTAGE OF DATA INVALID - 31.5

PERCENTAGE OF DATA UNAVAILABLE - 27.6

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	ST	ATIO	٠.	NW NO	61010)	LASSI	E/DIC	KENSC	N RDS	BAL	MERTO	WN			MON	чтн -	APR							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	1 1 8 0	1	1	1 **** 1 1	1 **** 1 0	1 0	1 **** 1 0	1 1 1 0	**** 4 0 0	1 3 0	1 1 0	**** 0 1 0	0	1 1 0	0	0 0	0	0 0	0 1 0			1 0 0	1 0 0	1 1 1	******
5 7 8 9	1 0 0 4 0	1 0 0 3 1	0	0 3	0	0 0 0 0 3 1	****	**** 0 0 2 1	0 0 1 3 0	0 3 5	0 5 3	0 2 2	**** 0 1 2 ****	**** 0 0 2	0 0 3	1 3	3 1	1 **** 4 1 ****	1 ****	0 1 5 8 2	0 8 9 3	1 0 7 7 2	1 0 1 5 30 2	1 0 1 5 1 2	****** 0 2 4 *****
11 12 13 14 15 16 17 18 19	2 2 1 1 0 0 0 1 0 0	2 2 1 1 0 0 1 0 0 0	2 1 1 0 *****	1 1 0 **** 0 1	2 1 1 0 ***** 0 1 0	3 1 1 0 **** 0 1 0	4 2 2 1 0 ****	3 2 0 1 0 **** 0 1 0	3 3 4 3 1 **** 0 1 0	2 7 5 3 1 **** 0 0 0 3	2 7 0 2 1 **** 0 0 0	3 2 1 1 0 ****	3 1 0 1 0 ****	3 1 0 1 0 ****	2 1 0 1 0 ***** 0 0 0 4		3 0 0 1 0 ****	1 0 0 0 0 4	3 0 1 0 0 *****	****	2 1 2 0 0 0 0 0 0 1	2 1 1 0 0 0 0 0 0 1	2 1 0 0 0 0 1 0 0	2 1 0 0 1 0 1 0 0 1 6	1 0 ***** 0 0
21 22 23 24 25 26 27 28 29 30	17 0 0 **** 0 **** 3 0 0	0	0 0 0	0 0 1 8 0 0 0 0 0	00080000	0 0 0 1 0 0 0 0	0 1 7 **** 7 0	10 0 4 0 1 **** 5 0	9 0 0 0 0 1 **** 2 0 1 0	8 0 5 **** 7 **** 2 1 1 0	20 **** **** 1 0 2 1 1 0 0	4 0 7 **** 0 3 0 0	7 0 2 **** 0 2 0 0	O	0	0	3	4 ****	**** 6 **** 0 4 2 0	**** 9 2 0 **** 1 1 0 0	0 1 0 0 0 9 0 0 0 3	1 1 0 0 0 0 11 0 0 0 0	0 0 1 1 1 **** 1 0 0 0 0 2	ō	2 2 ****** ***** 1 2 0

PERCENTAGE OF DATA VALID - 82.9

MEAN

PERCENTAGE OF DATA INVALID - 17.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

2 1

1.2

1 1 1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

1 1 1 1 1 1 1 2 1 1 1 1

UNITS - 0.01 PARTS/MILLION

	STATION - NW NO 6101						LASSI	BAL	MERTOWN	l.			MON	TH -	MAY	76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 46 0 0 0	12 0 50 0 0 2 0	26 0 1 0 30 0	5 0 0 0 1 0	0 0 0 1 0 0	29 0 15 1 0 1 0	1 0 0 0	4 0 25 0 0 0	24 0 4 1 0 2 0 0	35 0 18 0 0 41 0	12 0 1 0 40 0	14 0 5 0 0 34 1 0 - DATA	UNA	VAILA	BLE	-	18 9 1 0 0 11 0	44 16 1 0 20 0	41 46 0 0 0 18 0	45 0 0 0 0 0	53 0 0 0 0	43 37 0 0 0 0	18 25 0 0 0 0 1	21 34 0 0 0 0	22 7 8 0 0 12 0
11 12 13 14 15 16 17 18 19	0 0 0 1 0	00010	0000	00000	0 0 0 0	. 0 0 0 0	0 0 0			0000	0000	- DATA O O O O O O O O O O O O O O O O O O O	0 0 0	0 0 0 0 0	0 0 0 0 0 	000	0 0 0 0 1	0 1 0 0 0 0	0 1 0 0 0	0 0 2 1	0 0 1 0 0	1 0 0 0	1 0 0 0 0	0 0 1 0 0	0 0 0
21 22 23 24 25 26 27 28 29 30												- DATA	100 A	AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA	ABLE ABLE ABLE ABLE ABLE ABLE ABLE										
MEAN	4	5	5	1	o	4	0	3	3	8	5	5	3	4	4		3	6	8	4	4	7	3	4	4.0

PERCENTAGE OF DATA VALID - 39.4 PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 57.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - SULPHUR DIOXIDE										UNITS - 0.01 PARTS/MILLION													
	STA	TION - NI	W NO E	61010	L	ASSIE	/DICK	ENSON	RDS	BALN	ERTO	WN.			MON	TH	IUN	76						
HOUR	1	2 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	1 1 0 0 0 0 0 0 0	0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000100	000000000	000000100	0000	. 0 0 0 0 1 3 0 0 0	000016000	000000000000000000000000000000000000000	000014300	0 0 0 1 6 6		000000000000000000000000000000000000000	1 0 0 0 1 23 9	210000027400	2 2 0 0 0 0 2 0 0	2 2 0 0 0 1 1 0 0 0	2 2 1 0 0 1 2 0 0 0	2 2 1 1 0 1 0 0 0	1 2 0 0 0 1 0 0 0 0	2200000000	1 0 0 0 0 0 4 2
11 12 13 14 15 16 17 18 19	0 0 0 0 0 0 0 0 0	0	0 0 0 0 0 0 0 0	0 0 0 0 25 0 0 0	1 0 0 0 0 0 0 0 0 0 0	0 0 0 0 32 0 0 0 1	0 0 0 0 1 1 0 0	26 3 0 0 0 1	0 0 0 0 31 3 0 0	0 0 0 0 33 1 0 0 0 0	0 0 0 0 28 1	0 0 0 0 21 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 0 0 0 37 0 0	4600000	36 00 4 00	0 0 0 0 43 0 0 6 0	0 0 0 0 37 0 0 2	0 0 0 0 0 31 0 0	0 0 0 0 49 1 0	0 0 0 0 40 1 0	0 0 0 0 0 0 0 0	0 0 0 30 3 0
21 22 23 24 25 26 27 28 29	000001000	0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 20 0 0 0 0 0	0 35 0 0 0 0	1 12 0 0 0 0 0 15	200000906	0 7 0 0 0 0 0 15	0 3 0 0 0 1 0 23 0 2	3 0 0 1 0 3 0		0 6 1 0 0 1 0 11 6 2	0 4 1 0 0 1 0 22 10 2	0 14 1 0 0 0 0 3 26 3	0 2 0 0 0 0 0 11 28 3	0 0 0 0 0 2 1 20 23 3	1 2 0 0 0 2 2 7 5	2 1 0 0 2 2 1 3	1 0 1 0 0 1 1 1 1 2 3	1 0 1 0 0 1 1 1 1	0600010662
MEAN	2	0 ****	1	1	1	2	2	3	2	3	2	2	2	0	3	4	4	3	3	2	3	2	2	2.2

PERCENTAGE OF DATA VALID - 89.4 PERCENTAGE OF DATA INVALID - 8.6

PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

															7			Mar. 1900	0.040						
	STA	TION	. 1	ON WP	61010		LASS	E/DIC	KENSON	RDS	BAL	MERTO	NWO			MON	тн -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1	1		* * * *	0	0	0	0	2	2	3	2	2	1	1	****	0	0	4	1	1	1	1	o	0	i
2	О	0	***	0	0	0	0	0	1	1	2	2	2	2	1	1	2	2	2	2	2	ò	0	ő	- 1
3	0	0	****	0	0	0	0	0	1	1	1	9	- 7		****	4	1	2	1	2	2	1	1	o	
4	0	0	***	0	0	0	0	0	2	2	1	2	4	7.73	****	4	2	- 1							
5	0	Ō	****	0	0	0	O	ō	ō	ō	Ó	Ô	ò	-	****	ò	ō	ò	o	ò	1	1	ó	,	1
6	٥	0	* * * *	1	0	1	Ö	0	1	1	1	1	1		****	0	0	0			0	1	-	0	0
7	0	ō	****	Ö	0	0	ō	0	16	26	14	15	18		****	32	9		0	0	0	0	0	0	0
8	õ	-	****	0	Ö	0	ő	0	****	1	1	13	****	35		0		15	7	2	2	2	1	0	9
9	****	ŏ	0	0	120	****	****	****	1	ò				1	0		0	0	1	1	1	1	7	0	0
10	1	1	1	****	0	0	4	4	13	24	2	1	,	8.0	1		1	1	1	1	1	1	1	1	1
			- 1	111111111111111	U	U		1	13	24	2	0	9	0	0	* * * *	7	9	0	23	30	15	51	12	9
11	26	28	19	****	30	41	34	6	18	3	3	6	13	9	10	* * * *	3	21	22					٥	
12	0	0	0	****	0	0	0	0	0	ŏ	ő	1	1	1	0	****	Õ	21	- 22	13	2	0	0		14
13.	O	ō	Õ	****	O	o	ŏ	0	o	ō	ō	ò	ò	ò	o o	****	0	0		0	0	0	O	0	0
14	1	1	1	****	0	0	1	1	2	1	1	1	0	0	0	0	0		0	0	1	1	1	1	0
15	o	ò	ò	****	ō	ō	ó	ó	õ	ó	ò	ò	Ö	0			0	0	0	0	0	0	D	0	0
16	o	ō	0	0	0	0	Ö	0	0	0	0	0	o		0	0		0	0	0	О	0	O	0	0
17	o	õ	0	0	0	ő	1	,	1	1	1			0	0	0	ō	0	0	0	0	0	О	1	0
18	ő	Ö	0	****	0	0		1	2	3	4	1	0	1	1	О	5	1	1	0	0	0	0	٥	1
19	2	2	2	****	1	1	2	2		3	3		1	2	2	****	2	1	2	3	3	3	2	1	2
20	ō	6	1	4	ó		****	2	3	3	3	4	2	3	3	****	3	****	***=	****	****	0	0	0	2
20	U	0	- 1	- 1	U	U		1	2	3	1	1	O	0	0	0	0	0	****	2	3	3	2	3	1
21	2	2	1	1	1	0	****	2	4	4	4	5	4	4	4	4	4	3	****	2	3	3	2	1	3
22	2	2	2	1	1/	1	***	0	1	1	1	1	0	- 1	2	3	3	3	****	1	1	2	ó	ċ	1
23	0	0	0	0	0	0	***	0	0	0	0	1	0	ò	ō	ŏ	1	15	25	****	4	7	12	6	
24	2	1	1	0	0	0	***	2	3	3	3	3	3	4	5	5	4	4	5	****	3	3	2	2	3
25	2	1	1	0	1	1	***	0	Õ	1	O	ō	o	O	1	6	9	7	****	0			2	2	3
26	0	1	0	0	0	0	***	1	1	Ó	0	ō	ŏ	ŏ	ó	ő	0	ń	****		0	2			2
27	1	1	Õ	0	0	0	***	o	1	1	1	1	2	1	- 0	ĭ	٥	0	****	0	17	21	5	4	2
28	0	0	0	0	0	o.	***	Ö	4	á	•	2	2	2	3	4	4	2	****	O	1	1	O	0	1
29	ō	ō	o	Ö	0	100	***	1	2	3	5	6	5	5	7	5	3	2	****	0	1	0	0	0	1
30	0	ō	7	6	15		****	2	1	1	1	1	3	3						0	0	0	0	0	2
			,		10	,		2	-1	1	1	T	3	3	6	11	14	14	****	5	2	0	0	0	4
31	0	0	0	0	0	0	***	0	1	3	2	4	4	3	1	1	t	1	****	7	4	3	3	3	2
MEAN	1	1	2	0	2	2	2	1	3	3	2	2	2	3	2	3	2	4	3	2	3	2	3	1	2.2

PERCENTAGE OF DATA VALID - 91.5

PERCENTAGE OF DATA INVALID - 8.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PC	LLUTA	NT -	SULPH	UR DIO	XIDE	Ĕ.							UNITS	s - o	.01 P	ARTS/M	MILLIC	N						
	ST	ATION	· N	W NO	61010		LASS	IE/DI	CKENSO	N RDS	S BAI	MERTO	NWC			МО	NTH -	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	4	2	****	1	10	11	6	5	4	3	3	2	2	0	****	0	2	3	4	3	4
2	2	2	2	1	1		***	2	3	3	4	5	3	1	0	0	5	4	****	2	4	4	4	4	2
3	4	4	4	3	3	3	***	1	2	3	3	3	2	2	4	4	4	4	****	3	4	4	3	3	3
4	3	3	3	2	2	2	****	2	3	3	3	3	2	2	2	5	2	2	***	9	2	1	1	1	3
5	1	0	0	0	0	0	* * * *	0	1	***	****	***	****	* * * *	****	****	****	***	****	****	****	0	0	0	****
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	****	0	0	0	0	0
7	0	0	0	0	0	0	0	***	****	0	1	1	1	1	0	0	0	0	1	****		0	0	0	0
8	0	0	0	0	0	0	0	***	****	1	2	2	0	0	0		0	0	0	***	****	1	1	1	0
9	1	1	1	1	0	0	0	***	****	0	0	1	0	0	0	0	1	1	0	* * * *	****	0	0	0	Ö
10	0	0	a	0	0	0	0	****	****	0	O	0	1	1	1	2	2	1	2	****	****	0	0	0	1
11	0	0	0	0	0	0	0	****	****	1	1	2	2	1	2	6	2	0	0			0	0	0	- 1
12	0	0	0	0	0	0	0	****	****	26	17	23	12	12	13		22	15	2		****	ő	0	ŏ	B
13	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0	1	****	****	Ö	O	0	ő
14	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0		0	0	0	****	****	0	ō	0	ŏ
15	0	0	0	0	0	0	0	***	O	1	0	0	1	2	2	1	2	2	Õ	- + + +		õ	Ö	ŏ	•
16	0	0	0	0	0	0	0	***	****	0	0	0	0	0	0		0	ō	ñ		****	0	o.	0	0
17	0	0	0	0	0	0	0	***	****	0	0	0		7.	-	o	0	ő	****	0	0	Ö	Õ	0	0
18	0	0	0	0	0	0	****	***	****	* * * *	* * * *	****	* * * *	****	****	****	****		****	****	****	***	****	****	*****
19	***	5	2	1	0	0	***	***	****	****	****	****	***	****	****	****	****	****	****	****	****	****		****	*****
20	* * * *	****	****	****	0	0	****	0	0	0	***	***	***	****	****	****	****	***	****	***	****	0	0	0	*****
21	O	0	0	0	0	0	* * * *	0	0	٥	0	0	0	0	0	0	0	0	****	0	O	0	0	0	0
22	0	0	0	0	0	0	****	****	****	****	****	****	* * * *	* * * *	****		****	****	****	****			****	****	*****
23	0	****	0	0	0	0	0	***	****	***	****	****	* * * *	* * * *	****	* * * *	****	****	****	****	****	0	0	0	****
24	0	0	0	0	0	0	***	****	****	****	****	****	****	****	****	****	****	****	****	***	****	****	****	****	*****
25	* * * *		0	0	0	0	0	****	***	***	****	****	****	****	****	* * * *	****	****	****	* * * *		***	***	***	*****
26		****	0	0	0	0	0	0	****	****	****	****	***	****	****	****	****	****	****	****	****	0	0	0	*****
27	* * * *	***	0	1	1	1	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	~	****	0	0	0	0	0	0	0	0	0	0	0	* * * *	0	0	0	0	ā	ō	o	o.	0	ō	ő
29	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	ō	ō	0	ō
30	0	***	0	0	0	0	0	0	0	0	0	0	0	* * * *	0	0	0	0	ō	ō	o	ō	Ö	ō	ő
31	0	****	0	0	0	0	0	0	0	1	7	8	* 4 * *	****	15	6	0	0	0	0	٥	0	0	0	2
MEAN	1	Ť	1	0	0	٥	0	0	1	2	2	2	1	1	2	2	2	1	0	1	1	1	1	0	1.0

PERCENTAGE OF DATA VALID - 71.1 PERCENTAGE OF DATA INVALID - 28.5

PERCENTAGE OF DATA UNAVAILABLE - 0.4

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION		W NO	61010)	LASS	E/DI	CKENSO	N RDS	BAL	MERT	WN			MON	ITH -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0		0	0	0	0	0	0	0	0	0	0	٥		0	0	0	0	0	0	0	0	0	0	0
2	o		o	0	0	0	0	0	0	0	O	0	O	****	0	0	0	0	Ō	0	ō	0	0	0	0
3	0	****	0	0	0	0	٥	0	. 0	0	0	0	0			0	0	0	0	0	0	0	0	0	О
4	0	****	0	0	0	0	0	0	0	0	0	2	4		0	0	0	0	0	0	0	0	0	0	0
5	0		0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0
6	****	0	0	0	0			****		****					••••			••••	****	****	****	****			
7							• • • •	0	0	0	0	0	0		0	٥	0	3	1	1	2	2	0	0	1
8			0	0		0	٥	0		0	0	٥	manager and a self-field	• • • •	0	0	0	0	٥	٥	0	0	0	0	0
9			0	0		0	0	0	_	****	****	****					0	0	0	0	0	0	0	0	0
10	0	****	0	0	0	0	0	0		****	****			• • • •	****		****	****	****	****			****	****	*****
	-			100			_	analisms	The second		- amena rain	in an area		E-10-17-17-17	1204-200			011012020	40000			212/2012			
11	_	****	0	0		0	0	****	****			••••							****						*****
12		****	0	0		0	0	0	0	0	0	0							••••	****	••••	••••	0	0	*****
13		****	0	0	-	0	0	0	_	0	0	0							0	10	9	1	0	0	,
14	0	0	0	0			0	0			0	Ö	0	0	1	0			0	0	0	0	0	0	č
15	0	0	0	0			ŏ	_	_	ŏ					0	_				****		0	ŏ	ŏ	*****
16 17	0	0	0	Č			0	100	_	0										****					
18	****	ŏ	0	-			ő		_	1000								****	0	0	0	0	0	0	
19	0	ŏ	ő				ŏ			0	0	0	0	0	0	0					****	****		ŏ	
20	ŏ	ŏ	ŏ	-			ŏ			ŏ		ő							a	0	0	1	0	ŏ	0
20		v						·		•		•	-	•					•	٠	U		-		
21	٥	0	0	0	****		0	0	0	0	0	0	0	1	0	0		****	0	0	0	0	0	0	0
22	ō	ō	ō	0			34	0	14	30	27	26	19	41	32	18		****	0	ō	ō	5	0	34	14
23	1	0	0	0	****	****	0	0		0		0	0		0	0		****	0		0	0	0	0	0
24	0	0	0	1			14	8					28			17		****	4	0	0	0	0	0	12
25	0	0	0	0	****	****	0						0	_				****	0	0	0	0	0	0	0
26	0	0	0	0	****	****	0							0				****	14	21	10	0	0	0	4
27	0	0	0	~			0							0					0	0	0	0		0	0
28	0	0	0	_	****		0	_				0	0		****	0			0	0	. 1	0	2	7	1
29	2	1	0	- 2			0					••••		****		••••			****	****		••••	0	0	
30	0	0	0	0	****		0	0		****	****			****	****	0		****	1	4	1	25	22	1	*****
MEAN	0	0	0	0))	0	2	0	2	2	4	3	3	6	4	2	0	0	1	2	1	1	1	2	1.4

PERCENTAGE OF DATA VALID - 68.6 PERCENTAGE OF DATA INVALID - 31.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- -- INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS . O.O1 PARTS/MILLION

	\$1	ATION -	NW	NO	61010	S	LASSI	E/DICK	ENSO	N RDS	BAL	MERTO	WN			MON	тн -	OCT	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000		000000000	0000000000	 C C C	0000	000000000	0000000000	0000000000	00000000	00000000	0000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 1		0 0 0 0 0 0 1	00000	000000000000000000000000000000000000000	000000000000000000000000000000000000000		0 0 0 3 0 0 0 0		00004	000000000000000000000000000000000000000	0 0 0 1 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0000000	000000000	000000000	0000000000	000000000000000000000000000000000000000	000000000	0 0 0 2 28 0 0 0	0 0 0 0 4 8 4 0 0 0	0 0 0 0 21 7 0 0	0 0 0 48 15 0 0	0 0 31 30 0 1 0	0 0 20 6 0 0	0 0 23 16 0 4 0	0 0 15 5 0 2	0 0 18	0 0 0 12 11 0 3 0		000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 5 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	0 0 0 10 5 0 1
21 22 23 24 25 26 27 28 29 30	0 0 0	0	0000	0	000	0	0	0	0 0 0	000	000	- D:	ATA UI	O O O O I I I I I I I I I I I I I I I I	LABLE LABLE LABLE LABLE	#* #: #:	0000		0 0 0 -	0	000	0	000	0	0 0 0

PERCENTAGE OF DATA VALID - 63.7

PERCENTAGE OF DATA INVALID - 10.6

PERCENTAGE OF DATA UNAVAILABLE - 25.7

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NW	NO 6	31010	1	LASSI	E/DICK	ENSON	RDS	BALI	MERTO	ψN			MON	тн -	NOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	,00000000	. 00000000	000000000000000000000000000000000000000	0 0 0 0 0 3 0	000000000000000000000000000000000000000	****	0000000	,00000000	00000000	0000000	.00000000		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AVAILA 0 0 0 0 0 0	BLE 0 0 0 0 0 0	- 0000000000000000000000000000000000000	000000000	00000000	00000000	00000000	0 0 0 0 0 0 0	000000000	000000000	000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	0 0 0	0	0 0 0	0 0	0 0 0	0 0 0	0 0	0 0 0	0 0	0	000	* * * * * * * * * * * * * * * * * * * *	DATA DATA DATA DATA DATA DATA	O **** * INVALI INVALI INVALI INVALI INVALI INVALI	D - D - D D -	0 0	0 0	0 0	0	0 0	0	0 0	0 0	0	0 0
21 22 23 24 25 26 27 28 29													DATA DATA DATA DATA DATA DATA DATA DATA	I NVALI	D - D - D D - D D - D D - D D - D D - D D - D D - D D - D D - D D D - D D D - D D D - D D D - D D D - D D D - D D D - D										
MEAN	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 36.4 PERCENTAGE OF DATA INVALID - 58.6

PERCENTAGE OF DATA UNAVAILABLE - 5.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	P	OLLUTA	NT -	SULP	HUR D	OXID	E							UNITS	- 0.0	01 PA	RTS/M	ILLIO	N						
	S.	MOITAT	١ -	NW NO	61010	0	LASSI	E/DIC	KENSON	RDS	BAL	MERTO	NN			MON	тн - 1	DEC	76						
HOUR DAY	1	2	3	3 4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	Service and	ESCACACION	5567100	n toconson	- 700a-014	_	_		16			- [ATAC	AVAILA INVALI	D -			9#S		2584		100	11	9.	1001
3 4 5 6 7 8 9	000000000000000000000000000000000000000	0 0 0	0		00000	0	0	0 0 0 0 0 0 0	000000	0000000	00000000	0 0 0 0 0 0	0 0 0 0 0 0 3	0000000	0 0 0 0 1 0	0 0 0 0 1 0	000000000000000000000000000000000000000	00000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0000000	000000	00000000	0 0 0 0 1 2
11 12 13 14 15 16 17 18 19 20	0	0	Ċ			0	0	0	0	0	0	* * * *	DATA DATA DATA DATA DATA	O INVALI INVALI INVALI INVALI INVALI INVALI INVALI	D - D - D - D - D -	0	0	0 0	0	0	0	0	0	0	0
21 22 23 24 25 26 27 28 29												* * * * * * * * * * * * * * * * * * * *	DATA DATA DATA DATA DATA DATA DATA DATA	I NVALI	D - D - D - D - D - D -										
31												- }	DATA	INVAL	D -										ñ

PERCENTAGE OF DATA VALID - 31.2 PERCENTAGE OF DATA INVALID - 63.8

PERCENTAGE OF DATA UNAVAILABLE - 5.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	NW NO 61010	LASSIE/DICKENSON RDS	BALMERTOWN		
MONTH	NO OF	DAYS AVER	AGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	1	ļ	5.5	10	40
FEB	*7	•	1.0	4	24
MAR	11	Ì	1.2	5	31
APR	22	2	1.2	4	30
MAY	12	2	4.0	22	53
JUN	29)	2.2	30	54
JUL	31	!	2.2	14	51
AUG	22	2	1.0	8	26
SEP	20		1.4	14	49
OCT	20		0.9	10	48
NOV	10		0.1	1	28
DEC	10	•	0.3	2	21
YEAR	195	5	1.5	30	54

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT -	SULPHUR	SCIENCE
-------------	---------	---------

UNITS - 0.01 PARTS/MILLION

STATION -	NW	NO	610	10		LAS	SIE	/DI	CKEN	ISON	RD:	5 6	BALMI	ERT	NWC				
MONTH	00	то	04	05	то	10	11	то	14	15	TO	25	26	то	39	40	BOVER	TOTAL	
JAN			51			1			О			4			4		1	61	
FEB			316			7			3			2			0		0	328	
MAR		3	284			9			7			4			1		0	305	
APR			557			35			1			3			1		0	597	
MAY		4	250			4			4			15			10		10	293	
JUN			586			19			5			13			15		6	644	
JUL		1	613			33			9			16			8		2	681	
AUG			507			11			4			6			1		0	529	
SEP			464			6			3			10			9		2	494	
OCT			456			4			2			7			3		2	474	
NOV			261			0			0			0			1		0	262	
DEC		1	227			2			2			1			0		0	232	
YEAR		45	572		1	31			40			81			53		23	4900	

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
55.8	٥	0.0	0.0	0.0	0.0	2.4	6.9	21.4	30.5	54	1.5

DOLLITTANT	CITI DUILD	DIGHTDE

UNITS - 0.01 PARTS/MILLION

	ŞT	ATION	- NW	NO	63012		DAWSO	N COU	RT TH	UNDER	BAY					MON	тн -	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	.18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 1 0 0	0 0 0 1 0 0	0 0 0 1 0 0	0 0 1 0 1 0	0 0 0 1 0 0	0 0 0 0 1 0 0	0 0 0 0 2 0 1	0 0 0 0 2 0 1	0 1 0 **** 2 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 **** 0 **** 2 0 1	0 0 1 0 1 -	0 0 0 0 1 0ATA DATA	O 1 O 1 INVAL	ID -	0 **** 0 **** ****	0000	0 0 0 ****	0 0 0 0 0 0 1	0 0 0 **** 0 0	0 0 0 **** 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 ** 17 18 19 **	0	**** 0 0 ****	****	****	**** **** 1 0	**** 1 **** 0 1	**** 1 **** 0	**** 1 1 1 ****	**** **** 1 1 0	**** **** 1 0	**** **** 1 0	-	DATA DATA DATA DATA DATA **** 1 0	I NVAL I NVAL I NVAL	LID - LID - LID - LID -	1 ****	1 1 0 0	0 1 1 0 -	1 1 0 0	0 1 0 1	0 0	0 0	0 0	0 0 ****	****** 1 0
21 22 23 24 25 26 27 28 29	0 0 1 1 1 1 0 1	0 0 1 1 0 0 1	1 1 0 0 0	0 0 0 1 1 0 0	0 0 0 1 0 0 0	0 0 0 **** 1 1 1 0	0 0 1 **** 0 1 **** 1 0	1 0 1 **** 0 ****	0 1 ****	1 0 1 **** 0 **** 0	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	011001111111111111111111111111111111111	0 1 1 2 1 1 2 1 1 0	0 0 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 2 1 1 0 0 1	0012211000	0 0 1 1 1 1 1 1 0 0	0 0 1 1 1 1 1 0 0 0	0 0 0 1 1 1 1 0 0 0 0	0 1 0 1 1 1 0 0	0 0 1 1 1 1 1 0 0	0 0 1 0 1 1 1 0 0	0 0 1 1 1 1 0 0 1	0 0 1 1 1 0 0 1	0 0 1 1 1 1 0 0 0 0
31 MEAN	0	0	0	1	1	1	0	0	0	0	1	1	-	0				0		1	0	0	0	0	

PERCENTAGE OF DATA VALID - 61.3 PERCENTAGE OF DATA INVALID - 35.9

PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- SI	JLPH	UR DI	OXID	i							UNITS	s - o.	01 PA	RTS/N	ILLIC	N						
	STAT	ION -	NW	NO	63012	2	DAWSO	N COU	RT TH	HUNDER	BAY					MOM	ITH -	FEB	76						
HOUR DAY	t	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	1 1 0 0 0 0 1 0 0 0 3	1 1 0 0 0 0 1 0 0 0 1	0000010002	000000	0 0 0 *****	0 0 **** 0 1 1 **** 0 0	0 1 **** 0 1 1 ****	0 **** 0 0 0 0 1 1 0 0 ****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ***** 00 00 11 00 00 10 00 00 00 00 00 00 00	0 0 1	000000000000000000000000000000000000000	0 0 0 0 1 0 0 1 0	1 0 0 0 1 0 0 1 0	1 0 0 0 1 0 0 0 1 0	1 0 0 0 1 0 0	1 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 **** 1 0 ****	1 0 0 1	1 0 0 1 **** 1 0 0	1 0 0 0 1 **** 3 0 0 0 3 0	0 1 0 1 **** 1 0 0 3 0 0	0 0 0 0 1 0 0 1 0
12 13 14 15 16 17 18 19	0001000000	000010000	000000000	000100000	0 0 1 0 0 0	0001000	0 1 1 0 0 1 0 0 0		0 **** 0 1 0 0 1 0 0	0 0 0 1 0 0	0 0 0 1 0 1	1 2 **** 0 **** 0 0 1 1	****	1 1 **** 0 **** 0 0 0 0	0 ****	0	0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 1 0 0	1 0 1 **** * *** * 0 0 0 0 0 0 0 0 0 0 0	0 0 1 ***** 1 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	00000000	0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0	0 0 0 2 1 0 0 0 0	1 0 0 0 1 1 0 0 0	1 0 0 0 0 1 1 ****	0 **** 2 0 0 1 0 0 0 0	0 **** 1 1 **** 0 0 0	1 **** 3 0 **** 1 0 0	0 **** 4 **** 0 0 0	000000000000000000000000000000000000000	0 0 **** **** 0 0	0 0 **** 1 **** 0 0	1 0 0 0		1 0 0 0 0 0	1 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0	0 0 0 1 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1	0 1	0 1 0 **** 0 0 0 0	0 0 0 0 1 0 0 0 0 0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.3

PERCENTAGE OF DATA VALID - 85.1 PERCENTAGE OF DATA INVALID - 14.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

HOUR 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 1 **** 0 0 0 0 0 0 0 0 0 0 0 **** ****	22 23 24 MEAN 0 0 0 0 1 1 1
2 **** **** **** **** **** **** **** *	0 0 0
4 **** **** **** **** **** **** **** ****	0 0 0 *****
	0 0 0 0
7 **** **** **** **** 0 1 1 0 1 0 0 0 0 0	
10 1 0 0 0 **** 0 0 **** **** 1 1 1 1 1	
- DATA INVALID - 12 **** **** 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0	0 0 0 0
14	0 0 **** 0 0 0 ******
17	
21 - DATA UNAVAILABLE DATA INVALID -	
23 **** **** **** **** **** ****	1 1 1 ******
26	
29 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 2 1 2	2 1 1 1
31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1

PERCENTAGE OF DATA VALID - 58.1

PERCENTAGE OF DATA INVALID - 29.6

PERCENTAGE OF DATA UNAVAILABLE - 12.4

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE STATION - NW NO 63012 DAWSON COURT THUNDER BAY MONTH - APR 15 24 MEAN HOUR 19 20 DAY 1 2 2 1 234567 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 000000 000000 30

PERCENTAGE OF DATA VALID - 90.6

MEAN

PERCENTAGE OF DATA INVALID - 9.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

1.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

1 1

2. "-" INDICATES DATA IS UNAVAILABLE

1

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	s	TAT	ON -	NW	NO	63012	2	DAWSO	N COL	IRT TH	IUNDER	BAY					MON	тн -	MAY	76							
HOUR DAY	1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN	
1 2 3	0		0	1	1 0	0	****	1	1	1	1 1 0	1	1	1	1	1	1	1	1	1	1 0	1 0	1	0	0	1 1	
4	1	2.77	1	0	0	1	1	1	***	****	****	1	1	1	j	1	i	i	****	****	****	***	****	****	***	*****	
5	****		0	0	0	0	0	0	0	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	1		1	0	1	1	***	****	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0	
7	1		1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	
8	1		1	1	1	1	1	1	1	1	2	- 1	2	1	2	1	0	. 0	0	0	0	****	****	****	****	1	
9	****	**	** *	***	***	****	****	****	****	****	****	****	0	0	0	1	1	1	1	1	1	2	1	0	0	*****	
10	1		1	1	1	0	1	1.	1	1	0	0	0	1	1	-1	0	0	0	O	0	0	0	U	U	0	
11	0)	0	0	0	0	1	1	1	0	1	****	****	****	****	****	0	0	0	0	0	****	1	1	0	0	
12	0	1	0	0	0	1	1	1	1	3	1	2	1	0	0	0	0	1	1	1	1	3	2	1	1	1	
13	1		1	1	1	1	1	2	***	****	****	****	****	-	-	9				~	-	-	-	-		*****	
14	-		*1	~	-	-	100	•		-		-			1 *	1	2	2	1	1	1	2	2	1	2	*****	
15	1		1	1	2	1	1	2	2	4	3	2	1	1.1	3	2	2	4	3	2	3	2	3	2	2	3	
16	1		1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
17	1		1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	****			1	1	
18	1		1	1	1	1	1	1	1	1	3	2	2	. 2	2	2	2	2	1	. 1	2	****	2	2	1	2	
19	1		1	2	2			5	3	2	2	2	2	****	****	****	****	****	2	2	2	6	6	****	2		
20	2	2	2	2	2	2	2	****	****	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	
21	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	***	****	****	****	***	* * * *	****	****	****	****	*****	
22														DATA													
23													-	DATA													
24								4						DATA	0.00200.0000	LID -		~	-	_		_				10000	
25	***		** *	* * *	****	****	****	****	****	****	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	*****	
26	2		2	1	1.	2	3.	2	5	17	3	2		2	3	2	2		2		3		3	2	3	3	
27	3		2	2	2	2	3	2	3	3	3	2	2	2	2	3	4	3	3	2	2	4	3	2	3	3	
28	3	3	3	- 7	***	****	****	****	****	****	****	****	4	****		0	0	0	0	0	0	3	****	0	****	*****	
29	1		1	-1	1	1	0		2	8	3	3	2	0	0	0	0	.,,,	****	****	****	5.5 S.S.	****	00 000000000000000000000000000000000000	3.30	1	
30	C)	0	0	0	0	0	0	0	1	0	2	3		1	0	0	0	0	0		****	****	0	0	0	
31	C)	0	0	0	****	****	****	****	0	0	0	****	****	****	****	****	* * * *	****	****	****	****	****	****	***	*****	
MEAN	1	1	1	1	1	1	1	Ì	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1.2	

PERCENTAGE OF DATA VALID - 70.6

PERCENTAGE OF DATA INVALID - 25.9

PERCENTAGE OF DATA UNAVAILABLE - 3.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	FG	LLUI		JOEFF	10.11	ONLO	-											W# 315500	1100						
	ST	ATIO	N - N	NO.	63012	2	DAWSC	N COL	JRT TH	IUNDER	BAY					MOI	NTH -	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
ĭ	****	****	****	2	1	0	0	1	0	0	0	0	0	0	0		0	****	****	***	****	***	****	0	*****
2	0	0	0	0		0		****	****	* * * *	***	****	* * * *	* * * *	****		****	****	****	* * * *	****	****	* * * *	****	*****
3	****	****	****	0	0	0	***	****	****	****	****	***	****		****	****	****	****	****	****	****	***	****	****	*****
4	****	***	****	****	****	****	***	***	0	0	0			* * * *		0	0	0	0	3	1	****	***	****	*****
5														INVA											
6														INVA											
7														INVA											
8														INVA											
9														INVA											
10												*	DATA	INVA	LID -										
																									Personal Control of the Control of t
11	* * * *	***	****	****	****	****	***	****	****	****	1	1	2	2	2	1	1	1	1	1	1	- 1	- 1	1	*****
12	1	1	2	2	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13		1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	- 1	1	1	2	1
14	1	1	1	1	1	1	1	1	2	1	- 1	1	1	2	1	1	0	1	1	1	1	1	1	1	1
15	0	1	1	1	1	1	1	1	2	1	1	. 1	1	1	1	1	1	1	0		1	1	1	0	1
16	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	- 1	1	1	1	1	1	- 1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	- 1	1	1	1	1	2	1	- 1	1	1
18	1	1	1	1	1	1	1	***	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	- 1	1	1	1	1	1	2		1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	- 1	1	1	2	2	2	2	1	1	1	-1	1	1
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23	0	0				0	-	0	-	0	0	0	0										0		
24	0	0				0				0	0												0		
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26	0	0								0	0												0		
27	0	C								0											0				
28	0	C																							
29	0									0	0	0		0		9 17						0			
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PERCENTAGE OF DATA VALID - 67.4 PERCENTAGE OF DATA INVALID - 32.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION	4 - 1	W NO	63012	2	DAWSO	N COUR	T TH	HUNDER	BAY					MO	NTH -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	3 14	15	16	17	18	, 19	20	21	22	23	24	MEAN
1 2 3 4	0	0	C	0	0	0	0	0	0	o	0	- D	ATA L	O C I A V A NL I A V A NL	LABLE	-	0	0	0	0	O	0	0	0	0
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6	****	****		****	****	****	****	* * * *	2	2	3	2		1 2	****	****	****	2	2	2	2	2	1	1	*****
7	2	****	****	****	****	****	****	***	2	2	2	2	- 2	2 2	2	2	2		2 2 2 2	2	2	2	2	2	2
8	2	2		2	3	2	2	2	2	2	2		****	2					2	2	2	2	2	****	2
9	****	****	- 3	2			2	2	2	2	3	2	2				2		5	2	2	2	2	2	2
10	2	2	- 3	3			****	2	2	2	3	3					5	2	2	5	5	5	2	2	2
10.0								-		-	1/=1	_			_	_		,	_	_	- 2		_	-	2
11	3	****	****	****	****	****	****							****			****	2	2	2	2	****	2	2	*****
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13	2	3	- 3	2 2	.2	****	****	***	2	2	2	2	- 2			2	2	2	2	2	2	2	2	2	2
14	2	2		2 2		2	2	2	2	2	2	2			2	2	2	2	2	2	2	****	****	****	2
15		****	***	****	****	****	****	****		****	2	2	- 2	2 1	1	1	1	1	1	1	1	1	1	1	*****
16	1	2	3	1	1	1	1	1	1	1	1	1	- 1	2 1	1	1	2	2	2	1	1	1	1	1	1
17	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1		****	****		2	1	1	1	1	1		2 2	1	1	1	1	1	1	1	1	****	****	i
19		2	3	1	.2	2	2	2 *	***	****	****	2	1	1 1	1	1	1	1	•	•	1	1	- 1	1	î
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23	1			1	!	1		1	1	1	- 1	1		! !	1		- 1	1	1	1	1	1	- 1	7	1
	-	2				- 1	1	1	0	0	- 4	O			1		1	. 1	2	1	1	- 1	- 1	0	1
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26	****	****	***			1		1	1	1	1	1		1	. 1	. 1	1	1	2	1	****	****	****	****	1
27	1	1	3	****	****	2	2	1	1	1	2	1	1	1 1	****	****	1	1	1	2	2	****	2	2	1
28	1	1		1	.2	1	. 1	2	2		2	1		2 1	1	1	1	2	2	1	1	1	1	1	1
29	****	2		1 1	.2	2	****	***	1	****	****	****	****		****	****		****	****	****	****		****	****	*****
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MEAN	1	2	9	1	1	1	1	1	1	1	2	1	,	1 1	1	1	1	1	1	1	1	1	1	2	1.4

PERCENTAGE OF DATA VALID - 72.6

PERCENTAGE OF DATA INVALID - 16.1

PERCENTAGE OF DATA UNAVAILABLE - 11.3

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - NW NO 63012 DAWSON COURT THUNDER BAY MONTH - AUG 76 HOUR 10 11 12 13 16 17 15 18 19 20 21 22 23 24 MEAN DAY 1 **** **** **** 1 1 2 0 0 6 DATA INVALID 11 12 13 14 15 16 17 - DATA INVALID DATA UNAVAILABLE DATA UNAVAILABLE 2 2 2 2 2 ...2 2 3 3 **** 21 22 23 24 25 26 27 28 292 2 2 2 ... 2 2 2 2 2 2 **** **** **** **** **** **** 2 2 3 2 2 2 2 2 2 2 2 2 30 31 2 2 2 2 1 **** 1 1 MEAN 1 2 2 2 2 2 2 2

PERCENTAGE OF DATA VALID - 52.6

PERCENTAGE OF DATA INVALID - 33.3

PERCENTAGE OF DATA UNAVAILABLE - 14.1

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NW NO 63012 DAWSON COURT THUNDER BAY MONTH - SEP 76 HOUR 17 21 22 23 24 MEAN 10 12 13 14 15 16 19 20 DAY 3 2 2 3 2 2 6 0 0 9 2 0 10 2 0 **** 0 **** **** 0 0 2 **** **** **** **** **** 12 14 1 1 1 1 2 15 1 1 1 1 1 16 2 **** 17 18 bulk walk wash wash cash cash year wash assu erre wash 19 1 **** **** **** **** **** **** **** 20 21 22 23 24 0 0 0 0 0 0 0 0 0 0 0 25 26 0 0 **** **** **** **** 0 **** ** 28 n 0 0 **** 29 **** **** **** O MEAN 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1.3 1

PERCENTAGE OF DATA VALID - 68.6 PERCENTAGE OF DATA INVALID - 29.7 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	ST	ATION	1 - N	w NO	63012	2	DAWSO	N COL	RT TH	UNDER	ВАЧ					MON	тн -	OCT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
30		****	****	***		****	****	****	****		****	****	****	****	****			****	****	****	****	****	4	1	*****
2		4	•	- 1	9	2		1	****	****	****		* * * *	* +				****	**/*	****	***		****	0	*****
3	0	ò	ò	4	9	1	0	****			****	****	****	****	****	****	****	****	****	****	***	***	****	***	*****
4	****	-		****	****	****	****	****	****	***	****	****	****	****	****	****		***	***	****	****	****	****	0	*****
5	0	0	****	****	****	****	***	***	****	* * * *	****	***	***	0	0	0	0	0	1	0	0	***	****	****	*****
6	****	****	****	****	D	1	1	1	1	- 1	1	1	1	***	0	0	0	0	0	0	0	1	1	0	1
7	0	0	0	-1	2	0	0	0	1	1	1	1	1	1	1	1	1	1	****	****	1	1	0	0	1
8	o	ō	1	1	0		****	* * * *	****	* * * *	****	* * * *	0	0	0	0	0	0	0	1	1	0	1	0	О
9	0	ō	1	0	1	1	0	0	1	0	1	* * * *	****	****	****	****	1	1	1	1	1	1	1	1	1
10	1	1	1	***	1	1	1	****	****	* * * *	1	1	****	* * * *	****	****	****	****	***	* * * *	****	****	1	1	*****
11	0	0	0	1	1	1	1	1	****	****	****	****	****	****	****			****	****	***	***	****	****	1	*****
12	1	1	1	1	1	****	* + * *	***	****	****	****	* * * *	2	2	2		O	0	****	* * * *	***	****	****	***	*****
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14	1	****	0	0		-		***	* * * *	* * * *	0	0	0	0	0		0	0	0	0	0	0	****	0	0
15	0	0	1	0	2	0		0	0	0	0	0	0	0	1	0	0	0	0		0	0	0]	o ·
16	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0		1	1	1	1	1
17	0	0	0		0		1	1	1	1	1	1	1	1	1	2	1	_	100	_	1	0	0	1	1
18	1	1	1	2		2	****	****	* * * *	****	1	1	1	. 1	0		0	0	0	- 1	1	U	****	0	1
19	0		0		0				0	1	1	1	****	****		0	200	0	1	1	1	1		1	4
20	0	1	1	1	1	1	***	****	0	0	0	1	* * * *	***		U	U	0	U	1	1	4	- 1		
4							0	0	0		1	1	0	0	0	0	0	0	0	0	0	0	O	0	0
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22	0						_	0	0	ó	0	1			0	-	****	ŏ		* * * *	****	****	****	0	
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25 26	0	0	-				V (2)	0	0	****		****	ñ	0	o		n	0	ñ	Õ	Ö	ō	0	0	0
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29	0				****	0	0	0	0	0	0	****	****			****	****	****	****	* * * *	****	****	****	****	*****
30	U	U		IN SEC.							, .	-	DATA	INVA	IID -										
30													UAIA												
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31																									
MEAN	0	0	C	1	1	1	0	0	0	1	1	1	1	1	C	0	0	0	C	1	1	0	0	O	0.4

PERCENTAGE OF DATA VALID - 62.4 PERCENTAGE OF DATA INVALID - 37.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

DAWSON COURT THUNDER BAY HOUR 24 MEAN DAY DATA INVALID -DATA INVALID DATA INVALID DATA INVALID DATA INVALID DATA INVALID DATA INVALID DATA INVALID 0 **** O DATA INVALID 16 17 :2 22 23 24 ō MEAN 0.6

PERCENTAGE OF DATA VALID - 53.3

PERCENTAGE OF DATA INVALID - 46.7

PERCENTAGE OF DATA UNAVAILABLE -0.0

- NOTES 1 ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "- " INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE NO 63012 DAWSON COURT THUNDER BAY MONTH - DEC 24 MEAN HOUR DAY 2 1 ...2 ...2 7 8 9 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE 12 13 14 15 - DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE DATA UNAVAILABLE 17 UNAVAILABLE - DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 22 23 24 25 26 27 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE

DATA UNAVAILABLE UNAVAILABLE

DATA UNAVAILABLE - DATA UNAVAILABLE -

DATA

PERCENTAGE OF DATA VALID - 8.9

MEAN

PERCENTAGE OF DATA INVALID - 8.9

PERCENTAGE OF DATA UNAVAILABLE - 82.3

1.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NW	NO 63012	DAWSON COURT	THUNDER BAY	

MONTH	NO OF DA	YS AVERAGE C	ONCENT 24-HOUR	MAXIMUM REA	ADING
NAL	18	0.4	1	2	
FEB	26	0.3	3 1	4	
MAR	14	0.6	5 1	2	
APR	28	1.1	1 2	7	
MAY	20	1.3	2 3	17	
JUN	18	0.6	š 1	3	
JUL	23	1 , 4	1 2	? 7	
AUG	11	1.5	7 3	4	
SEP	17	1.5	3 2	7	
OCT	18	0.4	4 1	4	
NOV	14	0.0	5 2	3	
DEC	2	1.0	9	3	
YEAR	209	0.9	9 3	17	

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT	-	SULPHUR	DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NW	NO 63012	DAWSON COURT	THUNDER BAY	
MONTH OO	TO 04 05 TO	10 11 TO 14	15 TO 25 26 TO 39	40 &OVER TOTAL
JAN	456	0 0	0 0	0 456
FEB	592	0 0	0 0	0 592
MAR	432	0 0	0 0	0 432
APR	646	6 0	0 0	0 652
MAY	518	5 1	1 0	0 525
JUN	485	0 0	0 0	0 485
JUL	539	1 0	0 0	0 540
AUG	391	0 0	0 0	0 391
SEP	493	1 0	0 0	0 494
OCT	464	0 0	0 0	0 464
NOV	384	0 0	0 0	0 384
DEC	66	0 0	0 0	0 66
YEAR	5466	13 1	1 0	0 5481

EDECHENCY	DISTRIBUTION	DV	DEDCENTILES	

PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION,	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
62.4	0	0.0	0.0	0.3	0.8	1.6	1.9	2.3	2.8	17	0.9

UNITS - 0.01 PARTS/MILLION

	ST	ATION	. 1	NW NO	63040		435 JA	MES S	ST S	THUNDE	R BAY					MON	TH	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	REAN
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3	0	***	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	ō	0	0	0	0
4	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	ō	ō	ō	ō	0	ō
5	0	****	0	0	0	0	1	1	0	1	1	1	o		ō	ō	0	0	ō	o	ō	ō	0	ō	ō
6	0	****	0	0	D	0	0	0	0	0	0	0	0		ō	0	0	0	ō	ō	ō	ō	0	0	ō
7	0	****	ō	0	0	0	0	0	0	0	0	0	0		o	o	0	0	ō	ō	ō	ō	ō	0	ō
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11	0		0	0	0	0	0	0	0	0	0	0	٥		0	0	0	0	0	0	0	0	1	1	0
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13	0		0	0	0	0	0	0	0	0	0	0	0		0	ō	0	ō	Ö	ō	ō	ō	o	ŏ	ŏ
14	0	****	0	0	0	0	0	0	0	o	0	ō	0		ō	ō	0	ō	ō	ŏ	ŏ	ŏ	ō	ō	0
15	0		0			0	0	0	0	0	0	0	0		ō	0	0	ō	ō	ō	ŏ	ŏ	ō	0	ō
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20	0	••••	0			0	0	0	0	0	0	0	٥	• • • •	ō	ō	0	ŏ	ō	ŏ	ŏ	ŏ	ō	ō	ŏ
21	0	****	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0
22	0		0	C	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	O	0	0	0
23	0		0	C		0	0	0	0	0	0	0	0		0	0	0	0	O	1	1	1	1	1	ō
24	0		0	C		0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0
25	1		0	C	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
26	0	••••	0	C	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0
27	0	****	0	C		0	0	0	0	0	0	0	0		0	0	0	0	o	0	1	1	1	1	ō
28	0		0	C	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0
29	0		0	C		0	0	0	0	0	0 •		0		o	0	0	0	o	ō	ō	ō	0	o	ō
30	0	••••	0		0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	O	0	o	0	0	0
31	0	••••	0	C	0	0	0	0	0	0	0	0	0	••••	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	***	0	C	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	٥	0	0	0	٥	0.0

PERCENTAGE OF DATA VALID - 91.7

PERCENTAGE OF DATA INVALID . 8.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	POLLUTANT - SULPHUR DIOXIDE UNITS - STATION - NW NO 63040 435 JAMES ST S THUNDER BAY														1 PAR	TS/MI	LLION	í.						
	STA	TION -	NW	NO	63040		435 JA	MES S	T S	THUNDER	BAY					MONT	н - ғ	EВ	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	0000000000	···	000000000	0000000000	0 0 0 0 0 0 0 0 0 0	0000000000	0000000000	000000000	0000000000	0 0 0 0 0 0 0 0 1 0	000000000000000000000000000000000000000	000000000	00000000		0000000000	000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000000
11 12 13 14 15 16 17 18 19	10000000		0000000000	000000000	000000000000000000000000000000000000000	0000000000	0000000000	0000001000	0 0 0 0 0 1 0 0 0	0000	000100000	000000000	00000000	::::	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	000000000	000000000	000000000	1 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000
21 22 23 24 25 26 27	0 +	:::	0 0 0	0 0 0	000	000	0 0 1	0 0 2	0 0 1	0	000	- DAT	A U	NAVAIL NAVAIL	ABLE .	•	0	0 0 0	0 0	0	0 0 0	0	0 0 0	0	0 0
28 29 Mean	0	•••	0	0	0	0	0	0	0		0	0	0	••••	0	0	0	0	0	0	0	0	0	0	0 0 0.0

PERCENTAGE OF DATA VALID - 81.3 PERCENTAGE OF DATA INVALID - 6.9

PERCENTAGE OF DATA UNAVAILABLE - 11.8

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STATION	- NV	W NO	53040	3	435 JA	MES S	TS	THUND	ER BA	lΥ				MON	тн - м	MAR	76						
HOUR DAY	1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	0 0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
2	0 ****	0	0	0	0	0	0	0	0	0	0	0	* * * *	0	0	0	0	0	0	0	0	O	0	0
3	0 ****	0	0	0	0	0	0	0	0	0	0	0	* * * *	ō	O	O	0	1	1	1	1	1	1	0
4	0 ****	0	0	0	0	0	0	0	ō	ō	Ö	ō	****	0	Ö	Ö	ō	ò	ò	ò	Ó	o	ò	ō
5	0 ****	Ö	0	0	0	ō	0	ō	ō	ō	0	õ		o o	0	õ	ŏ	o	ŏ	ŏ	0	ő	ő	ő
6	0 ****	Õ	0	D	0	0	0	Õ	ŏ	0	1	0	****	o	Ö	o	õ	ŏ	ő	ŏ	Ö	0	ŏ	Ö
7	0 ****	Ö	o	Ö	ō	ŏ	o	0	o	Ö	ò	0		o o	ő	o	Ö	ő	ŏ	ő	ŏ	ő	ŏ	ő
é	0 ****	ő	0	0	Ö	ő	0	o	ő	ő	0	- 50	****	.,	0	2	Ö	Ö	Ö	o	Ö	Ö	ŏ	0
9	0 ****		0	0	0	Ö	0	-				-	****	0						670				
10	0 ****	0	0	0	0	0	0	0	0	0	0	-		0	0	0	0	0	0	0	0	0	0	0
10	0 ****	0	U	U	U	U	U	U	1	0	0	0	***	0	0	Ü	0	0	0	0	0	0	1	0
11	0 ****	0	0	0	0	0	0	0	0	0	1	1	****	0	1	0	0	Ö	0	0	O	O	0	0
12	0 ****	0	0	0	0	0	0	0	0	ō	ò	Ó	****	o	ò	ō	Ö	ŏ	ŏ	ŏ	o	Ö	Ö	o
13	0 ****	ő	O	Õ	O	ō	Ö	o	ŏ	ō	1	-	****	1	ő	ŏ	1	1	ŏ	ő	o	ŏ	ŏ	o
14	0 ****	o	Ö	o	o	ō	ŏ	o	ő	ő	Ó		****	ò	ő	ő	Ċ	ò	ŏ	0	ŏ	o	ő	Ö
15	0 ****	Ö	ő	ő	Õ	ŏ	o	Ö	ō	Ö	0	-	****	ő	ő	ō	ő	Ö	0	ő	0	o	ő	0
16	0 ****	ő	0	0	Ö	ő	0	ő	0	Ö	****		****	0	ő	0	0	0	0	ő	Ö	Ö	o	Ö
17	0 ****	a	Ö	ő	ő	ő	ő	0	Ö	õ	4		****	ő	0	o	0	ő	0	o o	0	Ö	ő	0
18	D ****	0	0	o	0	1	0	0	0	****	****	55			0	ő	0					0	1	
19	1 ****		0	Ö	0	ò	0	0	0	0	1		****	0		0		0	0	0	0			0
20		0	0	0	1	1	1		0	0			****	0	0	0	0	0	٥	0	0	O	0	0
20	0 ****	0	U	U	1	.4	3.	0	U	U	0		****	0	0	U	0	0	0	0	0	O	0	0
21	0 ****	0	0	0	0	0	0	0	0	0	0	٥	****	0	0	0	0	0	0	0	0	0	0	0
22	0 ****	0	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	O	0	0	0
23	0 0	0	1	1	1	0	0	O	0	0	0	0	****	0	5	0	0	0	0	1	1	0	٥	0
24	0 ****	0	0	0	1	0	1	1	1	1	1	1	****	0	0	0	1	0	0	٥	0	0	0	0
25	0 ****	0	0	0	0	0	0	0	0	0	0	0	* * * *	0	1	2	1	0	0	o	0	0	0	0
26	0 ****	0	0	0	Q	0	0	0	0	0	0	0	***	0	0	0	0	0	ō	ō	0	0	0	Ö
27	0 ****	0	0	0	0	0	0	0	0	0	0	0	****	o	0	0	0	0	ō	Ö	o	ō	Ö	o
28	0 ****	ō	0	0	0	1	1	Õ	0	0	0	ō	***	Ô	Ö	ō	o	ő	ő	õ	Õ	o	ŏ	Ö
29	0 ****	Ö	õ	0	o	Ö	Ö	ō	Õ	Ö	o	Õ	****	ő	o	ō	Ö	Ö	ŏ	Ö	ŏ	ő	ő	Ö
30	0 ****	0	0	0	0	o	a	0	Õ	o	o	- 500	****	ő	ő	o	ő	0	Ö	ő	0	0	0	Ö
30	C	U				Ü	U	-	-					U	U	U	J	U	U	U	O	U	U	U
31	0 ****	0	O	0	0	0	0	0	* * * *	* * * *	****	0	* * * *	0	0	0	0	0	0	0	0	0	0	0
MEAN	0 0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	О	0	0	0	0.1

PERCENTAGE OF DATA VALID - 91.0 PERCENTAGE OF DATA INVALID - 9.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- NI	NO (53040	×	435 JA	MES 5	T S	THUNDE	R BAY					MONT	гн - д	PR	76						
HOUR DAY	ĭ	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4	0	****	0	0 0 0	0 0 0	0 0 0	0000	0 0 0	0 0 0 0	0000	0000	0 0 0 0	0	****	0000	0000	0 1 0	0 3 0 0	0 0 1	0 0 1	0 0 0	0 0 0	0000	0000	0 0 0
5 7 8 9	0 1 0	****	0 0 0 0	0 0 1 0	0 0 0 0	00000	00000	0 0 0 0	00000	0 0 0 0 1	0 0 0 1 0	0 0 1 0 0	0	****	0 0 0	0 0 0	00400	0 4 3 0	0 0 2 0 0	0 1 1 0 0	000000	0 1 0 0	0 0 0 0	0 0 0 0	0 0 1 0 0
11 12 13 14 15 16 17 18 19	0000000	**** **** 0 **** 0 ****	000000000	0 0 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0	0000000000	0000000000	000000000000000000000000000000000000000	100000	0 0 0 0 0 0	0 0 0 0 0 0 1	0 - 4 0 0 0 0 0 0	00000000	****	0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0	0 0 1 0 2 0 0 0 0 2	1 0 0 0 2 0 0 0 0 0	304010000	1080000000	0 1 13 0 0 0 0	0000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	****	0 ****	0000000000	0 0 0 0 0 0 0 0 0	0000000000	0000000000	0 0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	000000012	0 0 0 0 0 0 1 2	000000000	000000000	0 0 0	**** **** **** ****	1 0 0 0 0 0 0 0 0 0	100000000	00000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0 0	0 0 0 0 0 1 0 1 0	0010000000	0 0 0 0 0 0 0 1 0	0 0 1 0 0 0 0 1 1	0 0 0 0 0 0 0 0
MFAN	0	n	n	0	0	0	0	0	0	0	*	0	0	0	0	0	0	1	0	٥	0	4	0	0	0.2

PERCENTAGE OF DATA VALID - 92.1

PERCENTAGE OF DATA INVALID - 7.1

PERCENTAGE OF DATA UNAVAILABLE - 0.8

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

 	CILL DISTILL	DIGKIDE

	51	TATION	- N	W NO	63040		435 JA	MES S	TS	THUNDE	R BAY					MON	TH - N	YAN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	i	0	000000000	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000	000000000	0001000010	0 0 0 0 0 1 1 0	0 0 0 1 0 0 1 1 0	0 0 0 0 0 1 1 0	000000110	0 0 0 0 0 0 0 1	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0	000000010	000001000	0000000000	000000000000000000000000000000000000000	0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	000000000		000000000	000000000	000000000000000000000000000000000000000	0 0 1 0 0 0 0 0 0	0 0 1 0 0 0 1 0	0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0010000000	0 1 1 0 0 0 0 0 1 0	0 0 1 0 0 0 1 0	0 0 1 0 1 0 0 0 0 0	00000	000000000	0000100000	0000000000	0000100000	0 0 1 0 0 0 0 0	0 1 0 1 0 0 0	0 0 1 1 0 0 0 0	2 1 0 1 0 0 1 0 0 0	1 0 0 1 0 0 0	0 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 1 1 1	0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 1 1 0 1	000000000000000000000000000000000000000	0 0 0 0 0 1 1	0 0 0 0 1 1 1 1 1	0 0 0 0 1 1 1 1 1 1	0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 1	0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 3 0 1 1 1 1	0 0 0 0 0 1 2 1 0 0 2	1 0 0 0 0 1 1 1 2 0 1	0 0 0 0 1 3 1 0 0	1 0 0 0 0 1 1 2 0 0	0 0 0 0 1 1 1 1 1 1 1 1
31 Mean	0		0	0		0	0	0	0		0	0	0		0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	ST	ATION	· N	W NO	63040	4:	35 JA	MES	ST S	THUNDE	R BAY					MON	тн • ,	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
	0	٥	0	O	0	O	0	0	1	0	1	0	0	0	0	1	0	1	0	1	0	1	1	0	0
9	1	ŏ	ŏ	ŏ		ō	0	0	0	2	1	2	1					0	0	0	1	2	0	0	1
3	ò	ō	ŏ	ŏ		ō	0	0	0	0	0	0	0		0	0	0	1	1	1	2	1	1	1	0
ă	ŏ	ŏ	ŏ	ŏ		0	0	1	2	1	0	1	1		0	0	0	1	0	0	1	0	1	0	0
5	1	õ	ŏ	õ		ō	1	1	1	2	1	1	0		0	1	0	1	0	1	0	0	0	0	0
5	ò		ŏ	õ		Ö	0	1	1	2	1	1	1		0	0	0	0	0	1	1	2	2	1	1
7	ĭ		ŏ	ŏ		0	0	0	1	2	1	2	1		0	0	1	1	1	0	0	1	1	1	1
ė	- 1	****	õ	ō	ō	ō	1	•	1	1	0	0	0		0	0	0	0	1	2	4	1	2	1	1
9	ò	****	õ	ŏ	Ď	0	0	1	0	0	0	0	1		0	1	1	0	0	0	0	2	2	0	0
10			ŏ	ō		ŏ	٥	1	ŏ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			•			155	-																		
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	1	0	0	0	0	1	0	1	0
12	ŏ	ŏ	ŏ	ŏ		ō	0	ō	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	ŏ	ŏ	ŏ	ō		ō	0	0	0	1	1	0	1			0	1	1	1	1	0	0	0	0	0
14	ŏ	ŏ	ŏ	ō		ō	0	0	o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	О
15	ŏ	ŏ	ŏ	ō		ō	0	0			0	0	٥	0	0	0	0	0	0	0	0	0	0	0	О
16	ŏ	ŏ	ŏ	Ö		ō	o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17	1	ŏ		ĭ	ō	ō	1	1	ō	0	0	0	1	0		0	0	0	O	0	0	0	0	1	0
18	ò	ō	0	Ċ		Ö	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0	0
19	ō	ŏ	ō	O		0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	٥	٥
20	ō	ō	ō	C		0	0	0	0	0	0	0	٥	0	0	• • • •	1	0	1	1	1	3	5	3	1
=	100					_	12		_				1	3		0	1	0	0	4	2	0	1	0	
21	3	1	1	****		0	1	2	3	1	1	1					ò	٠	0	ó		ŏ	ò	•	ò
22	0	0	0	0		0	0	0	0			0	0	0			ŏ	2	0		ó	Ö	ő	ò	ŏ
23	0			C		1	_	••••	0		34 CHES (C. 100)		0	1	0		ŏ	ő	٠		,	2	ő	ŏ	ŏ
24	0	0	0	••••		0	0	0	0	0	2	0	ò	ò			ŏ	0	ò	- 1	ò	ó	Ö	٥	ŏ
25 26	0	0	0	1	0	0	0	0		0		0	ő	0		1,500	,	ŏ	ő	ò	ö	Ö	ő	ŏ	ŏ
26	0	0	0	••••		0	0	0	0		0	0	ŏ	0			ò	0	o	ŏ	Ö	ŏ	ŏ	ŏ	ŏ
27	0	0	••••	0		0	0	0	0		٥	0	٥	0		0.00	ŏ	1	٠	ŏ	٥	ő	ŏ	ŏ	ŏ
28	0			9		1	0	0	0		1	0		ő			č	ò	ò	Ö	0	0	ŏ	ŏ	ŏ
29	0			9		0	0	0	0	0	0	Ŏ	0	0		~	ŏ	0	ő	ŏ	0	ő	ő	ŏ	ŏ
30	٥	0			0	0	0	0	0	0	Ü	0	0	0		0	J	٥	J	J	U.	J		J	·
MEAN	٥	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.3

PERCENTAGE OF DATA VALID - 93.6 PERCENTAGE OF DATA INVALID - 6.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	MILLA	1	NW N	10 6	3040		435 JA	MES :	ST S	THUNDE	R BAY					MONT	H - 4	JUL	76						
HOUR DAY	1:	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		* * * * * * * *	0 0 0 0 0 0 0 0 0 0	00000000	000000000	0 0 0 0 0 0 0	0 0 0 0 1 0 0 0	0 0 0 0 1 0 0 0	0 0 0 0 1 0 0 0	0 0 0 0 2 1 0 1 0	0 0 0 0 0 0 0	000000000	0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *	***	000000000	000000000	000500000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 2 0 1 0 0 0	0 0 0 0 1 0 0 0	0000000	000000000000	0 0 0 0 1 0 0 1	000000000000000000000000000000000000000
10		****			0	0	0	0	0	0	0	0	0	0	0 +	***	0	0	0	1	1	1	0	0	0	0
11 12 13 14 15 16 17 18 19 20	000000000000000000000000000000000000000	000000	***	* * * * * * * *	000000000	000000000	0000000000	0 0 0 0 0 0 0	000000000	000000000	0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 4 0	0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 0	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	0	0000000000	0000000000	0 0 0 0 0 0 0	0000000000	0000000000	0100000000	0 1 0 0 0 0 0 0	0 20 1 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 0 0 1 0 0 1	0 0 0 0 1 0 0 0		* * * * * * * * * * * * * * * * * * * *	000000000	000000000	000000000	0 0 0 0 0 0 0	000000000	0000000000	0 0 0 0 0 0 0	0 0 0 0 0 0 0	000000000	000000000	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	***	0000000000	0 2 0 0 0 0 0 0 0	0000000000	0 1 0 0 0 0 0 0 0	0000000000	2001002000	300000000	0 3 0 0 1 0 0 1 0 0	1 0 0 0 1 0 0 1 0	000000000000000000000000000000000000000
31	0		***		0	0	0	0	0	0	0	O	0	0	0 *		0	0	0	0	0	0	0	0	0	0
MEAN	0	0	* * *	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 90.3

PERCENTAGE OF DATA INVALID - 9.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE STATION - NW NO 63040 435 JAMES ST S THUNDER BAY MONTH - AUG HOUR 24 MEAN DAY 0 **** 0 **** 0 0 **** 5 6 7 O 0 **** Ó ŏ 0 **** 0 * ' * * o 0 **** 13 14 n 0 **** 0 **** 0 **** **** 17 O Õ Ö ō ō 0 **** 22 23 24 0 0 **** ō 0 ----**** 26 27 0 0 0 **** 0 29 - DATA INVALID -

PERCENTAGE OF DATA VALID - 86.2

MEAN

0 ****

PERCENTAGE OF DATA INVALID - 13.8

0 0

PERCENTAGE OF DATA UNAVAILABLE . 0.0

0 0

0 0

0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

0 0

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

0 0 0

0 0 ****

UNITS - 0.01 PARTS/MILLION

	SI	STATION - NW NO 63040 435 JAMES ST S THUNDER BAY														MON	NTH -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												2	DATA	INVA	IID .										
2													0			0	0	0	1	0	0	0	0	0	
3	1	0		0	C	0	0	0	0	0	0	0	- 33	ŏ	0	ŏ	ŏ	ŏ	ò	ŏ	ŏ	ő	ő	ő	
4	0	Õ	0	0	C	0	0	ŏ	ŏ	ŏ	ō	ŏ	ŏ	ŏ	ő		ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	
5	0	o	ŏ		C	0		ŏ	ŏ	ŏ	ō	ō	ŏ	ŏ		ŏ	ĭ	ĭ	ĭ	ŏ	ő	ŏ	ŏ	ĭ	ő
6	0	0	0	0	C	0	0	1	1	0	0	ō	ō	ŏ		ŏ	0	ò	ò	ŏ	ň	ĭ	ĭ	ò	
7	1	1	0	0	O	0	0	1	1	0	0	ō	ō	ō	ő	ō	ŏ	ŏ	1	ŏ	ő	ó	ò	ŏ	ő
8	0	0		0	••••		****	****	****				****	****					••••	• • • •				-	
9	****	****		****				****	****	****			0	0	0	0	0	0	0	0	0	0	0	****	*****
10	0	٥	0	0	C	0	0	0	0	0	0	****	0	0	0	0	0	1	1	ō	1	ō	0		0
		-			74.5		-																		
11	0	0	0		0			0	0	0	_		0	0		0	0	0	0	0	1	1	1	****	0
12	1	0	0	0	0			0	1	1			٥	0	1	1	1	0	0	1	0	0	0	****	0
13	0	0	1	0	C			1	1	1	_		1	1	0	1	0	0	0	0	0	0	0	****	0
14	0	0	0		O			0	0	0	0		0	0		0	0	0	0	0	0	0	0	****	0
15	0	0	0		0					0		• • • • •	0	0		0	0	0	0	0	1	1	0	****	0
16	0	0	0		0			0	0	0	-		0	0		0	0	0	0	0	0	0		****	0
17	0	0	0		0			0	0	0		••••	1	0		0	0	0	0	1	0	1	1	****	0
18	0	0	0	0	0	0	0	0	0	3	-	****	0	0		0	0	0	0	1	1	1	-	****	0
19	ő	0	0		0			0	0	0		****	0	0		0	0	0	0	0	0	0	_	****	0
20	U	U	U	U	U	U	U	U	O	0	U		0	0	0	0	0	0	0	0	0	0	0	****	0
21	0	0	0	0	O	0	0	0	0	0	0		0	٥	•	0	0					_			_
22	ŏ	ŏ	ŏ		0					ŏ	-		ő	ŏ		ő	ŏ	0	0	0	0	0	0	****	0
23	ŏ	ŏ	ŏ		0			ŏ		ŏ	õ		ŏ	ŏ		ŏ	ŏ	ŏ	ő	ŏ	0		õ		-
24	ō	ŏ	ō		ō			ŏ		ō	ō	****	õ	ŏ		ŏ	ŏ	ŏ	ŏ	ŏ	0	ò	0		
25	0	ŏ	ō		o			ŏ		ō	ō		ŏ	ŏ		ŏ	ŏ	ŏ	ő	ŏ	ő	ŏ	ő		•
26	****	0	0		0	0	0	0		ō	ō	0	****	****					****		ŏ	ŏ	ŏ	0	•
27	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	ŏ	ŏ	ŏ		
28	0	0	0		0			0	0	0	0	0	0	0		0	0	ō	ŏ	ŏ	õ	ŏ	ŏ	ŏ	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	ŏ	ŏ	ō	ō	ŏ	
30	0	0	0	0	0	0	0	0	0	1	1	1	1	0		1	1	1	ŏ	ō	1	ŏ	ŏ	ŏ	
MEAN	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	٥	0	0	0	0	0	٥	0	0.1

PERCENTAGE OF DATA VALID - 84.3

PERCENTAGE OF DATA INVALID - 15.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE STATION -NW NO 63040 435 JAMES ST S THUNDER BAY MONTH - OCT HOUR Day 24 MEAN 0 0 1 3 4 5 6 7 8 9 10 0 0 1 C 0320. 000:000 0 0 1 0 2 0 C 12 13 14 15 16 17 18 19 20 .000000000 -00000000 0 1 0 0 0 0 22 23 24 25 26 27 28 .0000 :::: ...0 30

PERCENTAGE OF DATA VALID - 92.9

PERCENTAGE OF DATA INVALID - 5.0

PERCENTAGE OF DATA UNAVAILABLE - 2.2

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	ħ	IW NO	63040		435	JAMES	ST	S	THUNDE	R BAY	1				MON	TH -	NOV	76						
HOUR DAY	1	2	3	4	5	6	7	7 8	ĺ	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	030000000	0 1 0 0 0 0 0 0 0 0	000000000	****	000000000000000000000000000000000000000	000000000	0	0))))))	0000000000	000000000	0 0 0 0 0 0 0 0 0 0	2000000000	10000000000	00000000	0 0 0 0 0 0	****	0000	0 0 0 0 0 0	1 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	000000001	0000000000	00000000	***	* 0000000000000000000000000000000000000	000000000				0000000000	0 0 0 0 0 0 0 0 0 0 0	000000000	000000000	0000000	000000000	0000000		000000000	000000000	00000000000	000000000000000000000000000000000000000	000000000	000000000	000000000	0000000000	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29 30	0000000000	0000000000	00000000	***	* 00000000	000000000				0000000000	0 0 0 0 0 0	00000000	000000000000000000000000000000000000000	00000000	0000000	00000000	****	0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	00000000	000000000000000000000000000000000000000
MEAN	0	0	0	1	0 0	0		0 ()	0	0	0	0	O	٥	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 89.9

PERCENTAGE OF DATA INVALID - 10.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION 435 JAMES ST S THUNDER BAY MONTH - DEC 76 STATION - NW NO 63040 9 10 11 12 14 15 16 17 18 19 HOUR 24 MEAN DAY DATA INVALID -DATA INVALID 0 *--* 0 **** 0 O O 0 0 **** 0 0 **** 0 **** ō ō 0 **** 0 ---ŏ õ 12 13 14 15 16 0 **** 0 0 **** ō 0 **** 0 **** 0 **** 0 **** 0 0 0 0 **** 0 **** O 0 0 **** 0 **** 0 ---+ 0 **** 0 0 **** ŏ Õ 0 **** 0 **** 0 0 **** ō ···· 0 **** 0 **** ...0 0 **** Ō 0 **** 27 28 O 0 **** 0 **** **** 30

- DATA INVALID -

- DATA INVALID -

0 0 0

PERCENTAGE OF DATA VALID - 75.3 PERCENTAGE OF DATA INVALID - 24.7

0 ****

MEAN

PERCENTAGE OF DATA UNAVAILABLE - 0.0

0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	NW NO 63040 435 JAMES S	T S THUNDER BAY		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.0	0	2
FEB	25	0.0	0	2
MAR	31	0.1	0	5
APR	30	0.2	2	13
MAY	31	0.2	1	3
NUL	30	0.3	1	5
JUL	30	0.1	0	5
AUG	29	0.1	1	4
SEP	25	0.1	0	3
OCT	29	0.1	1	5
NOV	29	0.0	0	3
DEC	25	0.0	0	1
YEAR	345	0.1	2	13

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION	- NW	NO.	630	40		435	JAN	IES	ST	5 1	HUN	DER	BAY						
MON	TH OC	то	04	05	TO	10	11	то	14	15	5 TO	25	26	10	39	40	&OVER	TO	TAL
JAL	N		682			0			0			0			0		0		682
FE	8		566			٥			0			0			٥		0		566
MA	R	1	676			1			0			0			0		0		677
AP	R		659			2			2			0			٥		0		663
MA	Y		714			0			0			0			0		0		714
JU	N		673			1			0			0			0		C		674
JU	L		671			1			0			0			0		C		672
AU	G		641			0			0			0			0		C		641
SE	ρ		607			٥			0			٥			0		c	i.	607
oc	T		689			2			0			0			0		C	i.	691
NO	٧		647			0			0			0			٥		C)	647
DE	С		560			٥			0			0			0		c	Y.	560
YEA	R	7	785			7			2			٥			0		C).	7794

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT
OF DATA
VALID MIN 10 30 50 70 90 95 98 99 MAX MEAN

88.7 0 0.0 0.0 0.0 0.0 0.0 0.5 0.9 1.4 13 0.1

	ST	ATION	- NE	NO	71001		29 HI	LLCRE	ST AV	E WA	WΑ					MON	TH	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2	****	****	***	****	****	****	****	**** O	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	*****
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4	ŏ	ő	o	o	Ö	ő	Ö	0	ő	o	ő	Ö	5	5	5	5	4	ŏ	ő	ő	ŏ	Ö	Ö	ő	1
5	0	0	o	1	0	0	0	0	0	ō	o	o	ō	ō	ō	o	0	ō	o	0	o	o	O	0	0
6	0	٥	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	3	49	33	3	0	0	0	9	13	10	6	1	5
8	1	1	1	1	1	1	1	1	1	4	1	1	44	20	7	8	5	7	5	1	0	0	0	0	5
9	1	2	2	2	2	1	0	0	0	0	0	65	42	82	65	6	0	0	0	0	0	0	0	0	11
10	0	0	0	0	0	0	1	0	0	0	81	•	•	**	•	****	2	0	0	0	0	1	1	1	О
11	1	1	1	1	1	1	2	2	2	2	2	0	2	2	4	3	2	2	2	2	2	2	2	2	2
1.2	2	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	. 1	0	0	1	1
14	2	. 2	2	2	2	2	2	11	6	2	. 1	12	4	2	2	2	2	3	71	57	49	164	135	107	27
15 16	68	152	8	30	20	45	14	3	4	9	19	35	25	132	75	12	1	1	0	0	٥	2	2	- 1	27
17	1 2	2	2	2	1 2	2	2	2	1	0	0	1	0	0	1	10	18	12	1	10	2	2	2 6	5	1
18	5	3	6	6	4	3	3	2	2	2	2	1	0	0	0	0	0	12	6	0	13	9		5	2
19	1	ő	ă	Ö	0	o	ō	ī	1	ō	ō	ò	1	1	2	2	1	ò	ő	õ	ó	ò	ò	ó	ó
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21	4	1		ĭ	1	i	1	2	1	0	0	1	2	2	~	2	0	0	0			0	0	0	
22	ò	ò	ò	Ó	Ó	ò	0	ō	ò	1	n	ò	ō	ō	2	á	ő	0	0	0	0	0	2	2	ó
23	õ	o	Ö	o	O	ō	o	0	ō	ò	ŏ	Ö	õ	Ö	o	õ	0	ő	Ö	ō	ō	ô	ō	ō	ŏ
24	0	0	1	3	8	3	2	2	0	0	0	0	0	Ö	1	1	2	1	1	ő	ő	ō	õ	1	1
25	2	2	0	0	0	0	2	0	0	0	1	1	0	0	0	1	0	1	1	1	2	2	2	2	1
26	4	6	8	12	13	12	9	5	3	4	4	5	5	4	5	4	5	3	1	0	0	0	0	0	5
27	0	0	0	- 1	1	1	1	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	0	0	1
28	0	0	C	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	2	1	0	O	0	0
29 30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	U	0	0	0	0	U	0	0	0	U	0	0	0	0	0	0	0	0	0	0	2	1	0	0
31	0	٥	0	0	0	0	O	0	0	٥	О	0	0	0	0	0	0	0	0	5	5	3	5	3	1
MEAN	3	6	1	2	2	3	1	1	1	1	1	4	5	10	7	2	2	1	3	3	3	7	5	4	3.3

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.6

PERCENTAGE OF DATA UNAVAILABLE - 0.7

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "." INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTAN	T - 3	SULPH	UR DI	OXIDE								UNITS	· O.	01 PAF	RTS/MI	LLION	N						
	ST	ATION	• NE	NO	71001	į	29 HII	LLCREST	ΔVΕ	WA	N A					MONT	Гн - г	EB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 0 0 12 7 158 4	1 3 1 0 0 10 9 220 2	1 3 1 0 0 5 11 78 1	1 2 1 0 7 10 15 1	1 2 0 0 0 11 21 46 0	0 3 0 0 10 17 177 0	0 2 0 0 0 17 11 78 0	0 2 0 0 0 15 5 2 0 1	0 3 0 0 0 2 2 0 0	0 2 0 0 2 2 1 0 0 0	0 1 0 9 5 2 0 0 0	0 0 0 0 0 0 0 0	0 0 11 2 164 0 0	0 0 1 4 1 71 0 0	0 0 1 7 1 39 0 0	0 0 1 4 0 220 0 0	0 0 0 1 0 9 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 1 0 3 0 2 1 0	0 0 2 0 5 0 2 1	0 0 63 14 15 156 2 2	0 0 0 23 44 13 105 2 2	0 0 2 56 11 80 2	0 1 0 7 5 27 18 33 1
11 12 13 14 15 16 17 18 19 20	N400N . 0000	2 4 68 0 2 - 0 0	2 3 219 0 2 0 0	0 3 104 0 2 0 0 0	1 2 89 3 2 0 0 0	0 27 4 2 0 0 0	0 0 0 2 1 0 0 0 0	0 0 26 11 1 0 0	0 0 16 16 1 0 0	0 0 156 36 1 0 0	0 1 46 14 1 0 ****	0 1 0 6 1 - 0 0 0	0 0 0 0 0 0	2 2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 2 0 0 0 0 0 0	32 0 0 0 0 0 0	4 1 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0	0000.00000	00000	4000.00000	4 0 0 1 - 0 0 0	3 0 3 2 0 0 0 0	3 1 31 4 1 *******
21 22 23 24 25 26 27 28 29	000000000	0 0 0 0 0 0 0 0	00000000	000000000	000000000	10000000	60000000	7 0 0 0 0 0	000000000	000000000	00000000	000000000	000000000	00000000	00000000	00000000	00000000	000000000	00000000	0 0 0 0 0 0 0	000000000	00000000	00000000	0000000	1 0 0 0 0 0 0 0 0
MEAN	7	12	12	5	6	9	4	3	1	7	3	2	6	3	2	9	1	0	0	0	О	9	7	6	4.7

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 2.6

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - *• " INDICATES DATA IS UNAVAILABLE
 - 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	· NE	NO '	71001	2	9 HILI	CREST	AVE	WAW	Α					MON	TH - N	AR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000	0000000000	0000000000	000006000	000000000000000000000000000000000000000	000000000	0000004000	0000000000	000000000	000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 36 0	0 0 0 0 0 0 0 0 0	00000034000	000000	000000000	00000000000	0 0 0 0 0 0 0 0	000000000	0000000000	0 0 0 0 0 0 0 0 0	0000000000	0000000000	000050000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	0 0 0 37 0 0	350000	360000	0 0 0 36 0 0	000000000000000000000000000000000000000	0 0 0 0 1 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	0 0 0 0 0 4 0 0 0	0000000000	0000000000	0000000000	000000000	000000000	005000000	005000000	000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0	2000000	0004000000	0002600000
21 22 23 24 25 26 27 28 29 30	000000000	000000000	000000000	000000000	00000000	000000000	000000000	000000000	00000000	000000000000000000000000000000000000000	000000060	0000000000	0000000000	0 0 0 0 0 0 1 0 0	00000000	2000000000	000000000	19	22	0000000000	0000000000	0000000000	000000000	000000000000000000000000000000000000000	200000000000000000000000000000000000000
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	РО	LLUTA	NT -	SULPH	UR DI	OXIDE								UNITS	٠٥.	01 PA	RTS/I	MILLIC	N							
	st	ATION	- NE	NO	71001		29 HI	LLCRE	ST AV	E WA	WA					MON	TH -	APR	76							
HOUR DAY	t	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0	0	0	0	0	0	0	0	0 4	0	0		DATA DATA DATA DATA DATA DATA	O O INVALI INVALI INVALI INVALI INVALI INVALI INVALI	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	•				0	••••	0	0			
11 12 13 14 15 16 17 18 19	0 1 2 0	0 0 2 0	0 0 2 0	0 0 2 0	0 0 2 0	0 0 1 0	0 1 1 0	00000		 0 4 	0 4 0 0		DATA DATA DATA	INVALI INVALI INVALI INVALI INVALI O 26 1 0	D - D -	0 1 3 0 2	0 0 3 0 2	0 1 3 0 1	0 2 3 0	0 2 2 0 1	0 0 2 0 0	0 0 2 1 2	0 0 2 1 14	0 0 3 0 41	2 2 1 3	
21 22 23 24 25 26 27 28 29 30	13	5	3	2	2	0	0	1	2	1	o	•	DATA DATA DATA DATA DATA DATA	O INVALI INVALI INVALI INVALI INVALI INVALI INVALI INVALI INVALI	000000	0	0	0	0	O	0	0	***	****	1	
MEAN	2	1	1	1	1	0	0	0	1	3	2	9	3	3	1	1	1	1	1	1	0	1	3	7	1.8	

PERCENTAGE OF DATA VALID - 23.3 PERCENTAGE OF DATA INVALID - 76.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NE NO 71001 29 HILLCREST AVE WAWA MONTH - MAY HOUR 14 15 24 MEAN DAY - DATA INVALID -- DATA INVALID -3 4 INVALID DATA INVALID 6 7 8 0 2 0 0 2 ō 0 2 ō ō ŏ 12 13 14 15 Õ 0 o ŏ ŏ 17 18 DATA UNA VAILABLE O ō O o 22 23 24 25 26 27 o ō 29 Ó

PERCENTAGE OF DATA VALID - 77.8

MEAN

PERCENTAGE OF DATA INVALID - 15.7

PERCENTAGE OF DATA UNAVAILABLE - 6.5

0.8

O

"**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE NOTES 1.

" - " INDICATES DATA IS UNAVAILABLE

"***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULPH	UR DI	DXIDE								UNITS	- 0.	01 PA	RTS/	MILLIC)N						
	ST	ATION	- NE	NO	71001	2	9 HIL	LCRES	VA T	E W	WA					MOM	TH -	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0	00000000	000000000	000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0004000000	0600000	000000000000000000000000000000000000000	0	000000000	7 0 0 0 0	300000000000000000000000000000000000000	0 2 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	020020000	0200200000	000000000000000000000000000000000000000	000000000	0 0 0 0 0 0 0 0	000000000	0000000000	000000000	0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19 20	000000000000000000000000000000000000000	000000000	000000000	000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0	0000400000	0020500000	0 0 3 4 0 0 6 0	13	0 0 0 59 0 0 0	72 0 0 0 0 0	0 0 0 43 0 0 0	25 0 0 0 0 0 0 0 0	000000	000000	0000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	000000000	13 0 0 0 0
21 22 23 24 25 26 27 28 29 30	****	****		0 0 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0000000000	0 0 1 0 0 0 0 0 0 0	000050000	0 0 0 **** 0 5 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000	••••	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0
MEAN	0	0	0	0	0	0	0	0	0	1	1	2	3	2	1	0	0	0	0	0	Ó	٥	0	0	0.4

PERCENTAGE OF DATA VALID - 92.1

PERCENTAGE OF DATA INVALID - 7.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

													-		-										
	STAT	ION -	NE	NO	71001	2	9 HIL	LCREST	AVE	WAW	/A					MON	TH -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	000000000	000000000	000000000	00000000	000000000000000000000000000000000000000	000000000	0000000000	000000000	000000600	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000	000000000000000000000000000000000000000	0000000000	0000000000	020000000000000000000000000000000000000	0 2 0 0 3 0	0 1 2 1 0 0 0 4 3 0	0 2 1 1 0 0 0 2 2 0	0 2 1 1 0 0 0 0	0 2 1 1 0 0 0 0 1 0	1 0 0 0 0 0	020000000	020000000	020000000	0 0 0 0 0 2 1 0
11 12 13 14 15 16 17 18 19	0000000000	000000000	000000000	000000000	000000000000000000000000000000000000000	13	0000000000	000000000	2000090000	0 0 5 0 17 0 0	0 0 34 0 30 0 0	000302000	200000000000000000000000000000000000000	5000020072	3 0 0 0 0 1 0 0 4 3	20000100	000000000000000000000000000000000000000	200000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. 0000000000000000000000000000000000000	0 0 0 0 0 0 0 1	000000000	000000000	1 0 0 2 0 3 0 0 1
21 22 23 24 25 26 27 28 29	000000000	000000000	3 0 0 0 0 0 0 0 0	2000000000	20000000000	20000000000	2000000000	20004	0000400000	2000000000	0 0 4 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000500	000000000000000000000000000000000000000	200000000	000000000	000000000000000000000000000000000000000	0000000000	0000004000		000000000	0000000000	0 0 0 0 0 0 0 0 0	000000000	1 0 0 0 1 1 0 1
31	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	1	3	0	1	1	1	0	1	0	0	0	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID . 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT -	SULPH	UR DI	OXIDE	:							UNIT	s - o	.01 P	ARTS/	MILLIC	N						
	ST.	ATION	- NE	NO	71001		29 HI	LLCRES	ST AVE	WAI	NA					MO	NTH -	AUG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	13	2 13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000	00000000	00000000	000000000	0000000	00000000	00000000	00000000	000000000	000000000	070000000	•••					5 0		000000000000000000000000000000000000000	00000000	00000000	00000000	0000000	0000000	0 0 0 0 0 0 0 0
10	0	0	0	0	0	0	0	0	0	0	0	Ì	0 0		0	C		0	0	0	o	0	0	0	0
11 12 13 14 15 16 17 18 19	0 0 0 0	000000	000000	000000	000000	000000	000000		00000	00000	0 0 0 0 0 0 0	•••	- DATA	0 0 0 0 0 0 0 0	LID -			0 0	00000	000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000	0 0 0	000	0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 0	00000	00000	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0 0	0000	*	0 57 0 0 0 0 0 0 DATA 0	JNAVA I 7	LABLE	-		0	0 0 0	0000	0000	0 0 0	0 0 0	0000	0
31												•	DATA	UNAVAI	LABLE	*									
MEAN	٥	0	0	٥	0	٥	0	0	٥	0	0		0	3 0				0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 65.7 PERCENTAGE OF DATA INVALID - 7.5

PERCENTAGE OF DATA UNAVAILABLE - 26.7

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION - NE	NO.	71001	25	9 HILI	LCRES	ST AVE	WA	WΔ					MON	TH -	SEP	76						
HOUR DAY	1	2 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000		000000000000000000000000000000000000000	00000000	. 0 0 0 0 0 0 0 0	. 000000000	0000000000	.000000000	00070000	00000000	000000000	****	0 0 0 0 0 0 0 0 0 0	000000000	0000000000	32 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 16	000000000	00000000	000000000	0 0 0 0 0 0 0 1	0000000000	***************************************	*****
11 12 13 14 15 16 17 18 19 20	0 0 0 0 0 0 0 0 0	00000000000	000000000	0 0 0 0 0 0 0	0000000000	0000000000	000000000	000000000	0000000000	000000000	000000000	0000000000	000000000	000000000	0000000000	0000000000	000000000	000000000	000000000	0000000	00000000	000000000	000000000	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29 30	0 0 13 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0000000000	000000000000000000000000000000000000000	0 0 22 0 0 0 0 0 7	0 0 22 0 0 0 0	0 0 5 0 0 0 0 0 0 1	0 3 21 0 0 0 ****	0 21 38 0 0 0 ****	0 3 3 0 2 0 0 0	0 2 **** 0 11 0 0 0	30 0 ****	000000000	0 0 14 0 0 0 0 0 0 0	000000000	0000000000	0 70 15 0 0 0	0 0 12 1 0 0 0 0 0 0 0	250000000	0 0 12 0 0 0 0 0 0 0	0 1 12 1 1 0 0 0 4
MEAN	0	0 0	0	0	0	0	3	1	1	0	1	2	0	0	1	2	1	0	0	5	0	1	0	0.8

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 2.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN1	r - s	ULPH	UR DIO	XIDE							Ü	INITS	- 0.0)1 PAF	RTS/MI	LLION	í						
	STA	TION .	NE.	NO	71001	2	9 HIL	LCRES	ST AV	E WAV	VΔ					MONT	гн - с	ст	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9 10	000004200	0000000000	0 0 0 0 0 0 26 0 0	0 0 0 0 0 0 0 212 0 0	50000	0000060000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 **** 3 0 0 6 0 2 0 0	0000	0000000000	000000000	0000060000	0000000000	2003000000	4704000000	3400000000	0000000000	1 3 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	000000000	0000040000	0000060000	0000040000	1 1 0 0 0 15 0
11 12 13 14 15 16 17 18 19	0000000000	0 0 0 0 0 0 0 0 0	0 0 0 5 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	0000000000	0 0 14 0 0 0 0 0 0 0	0 0 56 22 0 0 0 0	0 0 28 30 0 0 0	0 34 5 0 0 0	0 40 21 0 0 0	0 0 17 5 0 0 0 0 0	0040060000	30000000	00340000000	00.0000000	00 * 000000	0210000000	0 3 1 0 0 0 0 0 0	0 0 0 0 0 0 0	030000000	030000000	0 1 12 4 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 3 40 0 0 0 0	0470000000	0 4 2 0 0 0 0 0 0	0 19 2 0 0 0 0 0 0 0	030000000	0 1 2 0 0 0 0 0 0 0 0	0 1 3 0 0 0 0 0 0 0 0	0 18 4 0 0 0 0	0 49 2 0 0 0 0 0 0 0	0 14 0 0 0 0 44 0	0 4 4 0 0 0 6 0 0 0	0 5 6 2 0 0 1 0 0 0	0 8 37 6 0 0 0 0 0	0 21 13 17 0 0 0	0 26 1 10 0 0 0 0	0 24 0 3 0 0 0 0	030000000	0 2 0 1 0 0 0 0 0 0	0 2 0 0 0 0 0 0 0	0100000000	0040000000	0 0 6 0 0 0 0 0 0	12 3 3 0 0 0 0 0 0 0	16 5 1 0 0 0 0	19972002000
31	٥	0	0	0	0	0	0	0	0	0	0	٥	0	6	0	0	٥	0	0	٥	o	0	0	0	0
MEAN	2	1	Ť	8	2	0	0	1	3	5	4	2	4	3	2	2	1	0	0	Ω	0	0	1	1	1 0

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- NE	NO '	71001		29 HI	LCRES	AVE	WAW	IΑ					MON	TH - M	10V	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	000000000	0000000000	0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 15 0	0000000000	0 0 0 0 39 0	0 0 0 0 0 21 0 0	000000000	0 0 0 0 18 0 0 0 3	0 0 0 0 0 2 9 0 0 5 5	00000600014	0000060004	0 0 0 0 0 0 0 13	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 3 0 0	0 0 0 0 0 0 0 0 0 0 0	00000	000000000	0000000000	0000000000	0000000000	0000000000	000000000	0 0 0 0 0 12 0 0
11 12 13 14 15 16 17 18 19	0000000000	000000000	0000000000	2000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0 12 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	000000000	000000000	000000000	0000000000	000000000	000000000	0000000000	0000000000	0000000000	000000000	0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	000000000	0 0 0 0 0 0 0 0	0 16 0 0 0 0 0 0 0	0 7 0 0 0 0 0	1400000000	0 2 0 0 0 0 0 0 0	0100000000	0 1 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 7	2100000200	2000000000	000000000	30 0 23 0 0 0	35 0 56 0 0 0 0	17 0 0 17 0	20 0 0 0 0 0 0 0	26	13 0 0 0 0 0 0 0 0	11 0 0 0 0 0 0 0	3000000000	10 0 0 0 0 0 0 0 41 0	6 0 0 0 0 0 3 5 0 0	4 0 0 0 0 0 0 4 0 0	100000000	9 2 0 4 0 0 0 4 0 0
MEAN	0	0	1	0	1	1	1	1	1	1	3	1	3	3	2	2	2	1	0	1	2	1	0	0	1.2

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. .. INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION NO 71001 MONTH - DEC 29 HILLCREST AVE STATION . NE WAWA HOUR DAY 24 MEAN 0 0 0 0 0 1 2 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 22 22 24 25 6 27 8 29 30 Ö 00.00000 0 0 2 0 0.00000000 33 0 0 0 0 0 0 0 0 3 1 0 0 0 0 0 INVALID INVALID 0 0 0 0 0 0 0 0 O DATA DATA O O O O 0 0 0 0 24 0 0 0 0 0 13 0 MEAN 1.1

PERCENTAGE OF DATA VALID - 88.4 PERCENTAGE OF DATA INVALID - 11.6 PERCENTAGE OF

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 71001 29 HILLCREST	AVE WAWA		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	3.3	27	164
FEB	28	4.7	33	220
MAR	30	0.6	8	37
APR	6	1.8	3	64
MAY	23	0.8	6	113
JUN	28	0.4	13	72
JUL	31	0.5	3	34
AUG	19	0.1	2	57
SEP	29	0.8	12	82
OCT	31	1.8	15	212
NOV	30	1.2	12	56
DEC	26	1.1	7	65

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

311

POLLUTANT	*	SULPHUR	DIOXIDE	

YEAR

UNITS - 0.01 PARTS/MILLION

220

STATION - NE	NO 7100	1 29	HILLCREST	AVE WAWA				
MONTH OO	TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 &OVER	TOTAL	
NAU	655	37	10	5	3	17	727	
FEB	610	18	10	9	5	22	674	
MAR	706	6	3	5	7	0	727	
APR	158	3	3	1	1	2	168	
MAY	562	8	2	4	1	2	579	
NUU	651	7	1	1	0	3	663	
JUL	718	10	1	3	2	0	734	
AUG	486	2	0	O	0	1	489	
SEP	671	4	6	7	3	3	694	
ост	687	23	4	9	8	8	739	
NOV ·	679	8	7	10	9	4	717	
DEC	632	9	3	4	4	6	658	
YEAR	7215	135	50	58	43	68	7569	

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
86.2	0	0.0	0.0	0.0	0.0	1.0	3.6	16.7	35.3	220	1.4

UNITS - 0.01 PARTS/MILLION

POLLUTANT	CHILD DUTIES	DIAVIDE
POLLUIANI	SULPHUR	DIOVIDE

	STAT	ION .	NE	NO 71	002	GC	UDREA	U AL	GOMA							MONT	H - M	AY	76					
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1 2 3 4 5 6 7 8 9												- DAT - DAT - DAT - DAT - DAT - DAT - DAT	A UNA A UNA A UNA A UNA A UNA A UNA A UNA	VAILAB VAILAB VAILAB VAILAB VAILAB VAILAB VAILAB VAILAB	LE - LE - LE - LE - LE -									÷
11 12 13 14 15 16 17 18 19												- DAT	A UNA A UNA A UNA A UNA A UNA A UNA A UNA	VAILAB VAILAB VAILAB VAILAB VAILAB VAILAB VAILAB VAILAB	LE - LE - LE - LE - LE -									
21 22 23 24 25 26 27 28 29	1 1 0	2 1 0	3 1 0	3 0 0	200	2 0 0	3 0 0	2 6 1	26 9 1	3 0 1	- 6 0 1	- DAT - DAT - DAT	A UNA	AVAILAE AVAILAE AVAILAE AVAILAE AVAILAE AVAILAE O 1	LE -	• , •0 •0 •0	1 0 0 0	1 0 0 0	1 0 0 0	1 0 0	1 0 8 0	1 0 0	2 0 1	1 ****** 1 2 2 1 1 0
31	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	0 0

PERCENTAGE OF DATA VALID - 14.7

MEAN

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 85.3

OTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE GOUDREAU ALGOMA STATION NE NO 71002 MONTH HOUR 24 MEAN DAY 0 0 2 DATA 0 5 10 13 0 0 2 42 0 0 2 25 0 3 12 0 12 15 0 11 0 8 15 9 26 27 14 22 29 14 23 3 10 11 15 23 10 13 10 26 14 0 7 10 INVALID DATA INVALID INVALID INVALID DATA INVALID INVALID DATA INVALID INVALID DATA INVALID 3 2 0 0 0 o 0 0 0 2 0 0 0 14 0 0 0 0 0 0 6 0 1 22 6 0 0 0 0 0 0 1 3 12 0 0 0 0 17 0 0 13 1 0 0 0 0 0 0 0 14 28 0 0 0 9 0 2 7 2 3 0 0 0 4 0 0 0 2 0 0 0 0 0 1 0 0 1

PERCENTAGE OF DATA VALID - 60.6

MEAN

PERCENTAGE OF DATA INVALID - 39.4

4 3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

2.5

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

2 2

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

2 2

2 3

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE

	STA	TION	- NE	NO 7	1002	0	OUDRE	AU AI	LGOMA							MOI	чтн -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 0 0	1 1 0 0 0 0	1 0 0 0 0 0	1 0 0 0 0 0 0 0	1 0 0 0 0 0	0 0 0 0 0	00000	0 0 0 0	0 0 0 0	0 0 0 0 0 0 0	00000 .0	- DA 0 0	TA UN O O	O O O O IAVAIL O 2	ABLE 0 3	. 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 0 0 0 0 0 4 ****	0 0 0 0 0 0 0 13 4	0 0 0 0 ****	17	1 0 0 0 ****	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
10 11 12 13 14 15 16 17 18 19 20	0 4 0 9 14 0 0 8 0	0 5 0 2 1 0 4 15 0	1 3 0 0 0 2 0 0 18 0	6 0 0 0 1 0 0 0 9 0 0	6 0000000400	6 0000000500	33	4 0000000600	0 0 0 0 0 11 0 0 7 0 0	12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 23 0 0	0 0 0 0 16 0 0 0 0	0 0 0 0 1 10 0 0 6 0 0	0 0 0 0 2 8 0 0 23 0	0 0 0 0 3 0 0 0 0 12 0 0	0 0 0 0 1 13 0 0 8	0 0 15 0 0 5 0	0	0 000000000	4 0 0 1 1 0 3 0 0	21 0 0 0 3 5 0 4 0 0	27	24	12 0 0 3 19 0 0 10 0	7 1 0 0 2 6 0 1 6 0 0
21 22 23 24 25 26 27 28 29 30	0 0 0 0	0 0 0	0 0 4 0	0 0 5 0	0 0 0	0 0 0	0 0 17 0	0 7 0	0 9 0 ****	0 4 0 ****	0 7 7 ****	- DA - DA - DA - DA	ATA UN ATA UN ATA UN ATA UN ATA UN ATA	0 16 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ABLE ABLE ABLE ABLE	* * *	2	1 10	3 4 11 ****	1 9 0 ****	0 15 0 ****	1 0 0 ****	7 0 0 ****	4 0 0	1 3 6 *****
31 Mean	2	1	1	1	1	í	3	ì	1	1	2			4ΑVΔΙΙ 2			2	2	1	2	4	3	2	3	1.8

PERCENTAGE OF DATA VALID - 65.7 PERCENTAGE OF DATA INVALID - 3.5

PERCENTAGE OF DATA UNAVAILABLE - 30.8

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. "****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - SULPHUR DIOXIDE												U	INITS	- 0.0	01 PAI	RTS/M)	LLION							
	000 8000	TION					OUDRE	AU AL	.GOMA							MON	TH - A	uG	76				X		
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	7 8 1	5 9 1	3 10 1	2 5 1 0	3 4 1 0	- 4 3 1	5 4 1 1	32 5 0	23 6 1 2	5 3 1 2	1 4 1 0	- DAT	A UNA A UNA A UNA A UNA O 4 O 0	VAILA VAILA VAILA	ABLE -		2 30 0 0 3	1 26 1 0	0 6 0 0	1 17 1 1 22	13 14 2 2 37	37 11 1 1 49	31 6 1 1	16 * 8 1 1	***** 10 3 1 8
11 12 13 14 15 16 17 18 19	27 2 0 0 0 0 1 8 2	26 4 0 0 0 0 1 7 2	4 3 0 0 0 1 5 2 6	0 0 0 0 1 3 11 50	0 0 0 0 0 0 0 4 35 30	6 8 0 0 0 1 3 8 2	5 4 0 0 0 0 1 3 2 1	5 11 0 0 0 0 0 2 2	0 17 0 0 0 0 2 2 3	0 5 0 0 0 0 0 3 3 4 29	0 9 0 0 0 0 5 4	0 4 0 0 0 0 0 0 13 9	0 2 0 0 0 0 0 13 28	0 3 0 0 0 0 0 16 21	0 10 0 0 0 0 0 10 32 4	4 19 0 0 0 0 3 2 1	6 0 0 0 0 17 10 1	3 1 0 0 0 0 23 23 0	4 1 0 0 0 35 13 18	5 1 0 0 1 33 1 20	3 1 0 0 2 37 1 0 65	2 0 1 0 0 2 3 2 2 1 2	1 0 0 0 0 1 22 3 29 8	1 0 0 0 0 1 14 3 16	4 5 0 0 0 0 9 8 10 20
21 22 23 24 25 26 27 28 29 30	40 3 1 1 1 14 1 20 0	2 1 1 3 12 1 18 0	1 1 0 36 30 2 6 0	1 1 1 20 7 2 2 0	1 1 0 8 2 1 0 0 0	0 2 1 0 3 0 1 0 0 0	0 2 1 1 1 0 1 0 0	0 1 0 1 27 0 0 8 0	0 0 0 1 13 0 1 7	0 0 0 1 2 1 1 0 0 1	7 0 0 1 9 0 0	15 0 0 1 3 5 0 0	0 0 0 0 9 11 0 0 0 2	0 0 0 19 20 0 0	1 0 0 5 19 0 0	8 0 0 5 3 0 0 1	3 0 0 10 8 3 0 0	3 0 0 2 23 3 2 0 0	1 0 0 2 48 10 2 0	32 0 1 2 29 40 7 0	67 2 2 0 7 34 9 0 2 2	64 1 2 0 3 17 1 0 2 2	12 1 1 2 1 9 0 0	49 1 1 0 6 3 0	13 1 1 1 1 1 1 1 1 3 0
31 MEAN	6	0 5	0 7	0	0	0	3	0 5	0	0	0 2	3	3	0 4	0 4	3	4	0 5	o 7	0 9	0 12	9	6	6	0 4.9

PERCENTAGE OF DATA VALID - 82.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 17.7

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	ST	MOITA	- NE	NO	71002		GOUDE	REAU A	LGOMA							MON	TH -	SEP	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3	0	0	c)
2	0	0	0	0	0	0	0	1	0	7	6	9	0	1	2	0	3	2	5	14	23	14	3	0	4	4
3	0	0	0	0	0		****	****	****		****	****		****						****	****	****		****	*****	
4												*	DATA	INVAL	ID -											
5												*	DATA	INVAL	ID -											
6												*	DATA	INVAL	ID -											
7												-	DATA	INVAL	ID -											
8												3.	DATA	INVAL	ID -											
9												*	DATA	INVAL	10 -											
10												Ψ,	DATA	INVAL	.10 -											
11													DATA	INVAL	ID .											
12														INVAL												
13														INVAL												
14													0	0	0	0	0	0	0	0	0	0	0	0		
15	0	0	0	0	n	0	0	0	0	0	0	0	ő	o	ō	o	ő	o	o	ő	0	ő	0	ŏ		2
16	ō	ő	ō	o	Č	õ	ō	Õ		2	o	0	0	ō	10	20	46	5	20	37	37	16	4	2	E	
17	ĭ	2	ĭ					4	2 3 3	2	2	2	2	3	5	28		20	28	32	21	14	6	4	10	á
18	3	3	2	2	3	3	2	3	3	2	3	- 7	14	31	45	28	31 28	30 28	3	19	60	42	18	2	1.2	4
19	1	2	÷	3	3 3	2 3 3	4	2	1	- 7	1	1		2	5 45 2	2	2	2	2	1	2	2	1	- 7	14	5
20	ì	7		2	2	2	1	2	2	2	2	1	2	- 7	1	- 7	- 7	1	2	2	2	1		1	1	1
		•		-	-			-	•	-	-		927		,				-	-	-			20	,	,
21	1	1	1	1	2	2		1	2	1	- 1	2	2	1	1	1	1	1	1	2	2	2	2	2		1
22	2	2	0	0	1	3		2	2	1	2	1	2	2	2	1	2	3	18	24	3	2	2	2		3
23	2 2 2	3	0	1	1	1	••••	0	****	0	0	2	2 2	2	2	1	2 2 2	2	2	1	1	2	2	2		1
24	2	2	1	2	1	2	3	5	8	7	6	3		2	2	2	2	2	2	3	2	2	2	1		3
25 26	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	3	2	3	4	3	3	2	2	2		2
26	2	2		2	2 2 3	2 2 2	2	2	2 2 2	2 2 2	2	2	1	2 2 2 2 2 2	2 2 2 2 2	2	2	2	4 2 2 2	3 2 3	3	2 2 2	2	2		2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2		2
28	2	2	2	2		2	3		2	2	2	1	3		2		2	2	2	2	1	1	2	2		2
29	2	2	2	2		2		2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	1	1		3 2 2 2 2 2 4
30	2	2	2	2	2	2	2	2	2	2	2	2	5	10	15	3	2	2	3	3	5	5	10	11		4
MEAN	1	1	1	1	1	2	2	2	2	2	2	2	2	3	5	4	7	5	5	8	9	6	3	2	3.3	3

PERCENTAGE OF DATA VALID - 62.1

PERCENTAGE OF DATA INVALID - 37.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

NO 71002 GOUDREAU ALGOMA MONTH - OCT HOUR 24 MEAN DAY 0 2 12 13 14 15 16 17 18 19 20 2 2 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE DATA UNAVAILABLE 22 23 24 25 - DATA UNAVAILABLE -DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 27 28 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE -

PERCENTAGE OF DATA VALID - 42.6

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 56.9

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION	×	NE	NO	71002	GOUDREAU	ALGOMA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVA	ILABLE	
FEB		DATA UNAVA	ILABLE	
MAR		DATA UNAVA	ILABLE	
APR		DATA UNAVA	ILABLE	
MAY	4	1.3	2	26
JUN	18	2.5	11:	42
JUL	19	1.8	7	33
AUG	25	4.9	20	67
SEP	18	3.3	14	60
OCT	13	1.8	3	14
YEAR	97	3.0	20	67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 71002 GOUDREAU ALGOMA

JAN		DATA UNAVA	ILABLE				
FEB		DATA UNAVA	ILABLE				
MAR		DATA UNAVA	ILABLE				
APR		DATA UNAVA	ILABLE				
MAY	102	5	1.	0	1	0	109
JUN	364	33	15	17	6	1	436
JUL	429	31	9	1 B	2	О	489
AUG	468	57	22	28	26	11	612
SEP	399	19	5	10	10	4	447
OCT	311	5	1	0	0	0	317
YEAR	2073	150	53	73	45	16	2410

MONTH 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 80VER TOTAL

FREQUENCY	DISTRIBUT	ION BY	PERCENTILES									
	PERCENT					CONCEN	TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	54.6	O	0.0	0.0	0.3	1.5	7.5	15.6	27.6	34.0	67	3.0

NE NO 7103B LUCIE PIT ALGOMA ORE WAWA MONTH - MAR 24 MEAN HOUR DAY DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE UNAVAILABLE UNAVAILABLE DATA DATA UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE 13 14 15 16 17 DATA UNAVAILABLE 22 23 24 25 26 27 28 29 30 DATA UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE O O O O O O 14 O 0 2 0 ō ō O o ō ō Q

0 0

PERCENTAGE OF DATA VALID - 21.2

0 0 0 0 0

MEAN

PERCENTAGE OF DATA INVALID . 0.1

PERCENTAGE OF DATA UNAVAILABLE - 78.6

4.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

0 0

POLLUTANT - SULPHUR DIOXIDE UNITS - O.C1 PARTS/MILLION LUCIE PIT ALGOMA ORE MONTH - APR NO 71038 STATION · NE 24 MEAN HOUR DAY a n 7 8 Q o O ō o ō ō 13 14 15 16 ŏ ō n a ŏ D n n n ō ō ŏ Q D O n C ŏ õ 23 24 ŏ ŏ ō 26 27 34 3 ō ō 29 ò

PERCENTAGE OF DATA VALID - 92.6

MEAN

PERCENTAGE OF DATA INVALID - 7.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

24 12

5.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

0 0

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

3 3

6 4 6 5 12 28

	ST	ATION	- NE	NO	71038		LUCIE	PIT	ALGOM	A ORE	WAWA					MON	TH -	MAY	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	- 21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0	26 00 00 00 00 0	11 0 0 0 0 0 0	000000000000000000000000000000000000000	200060000000000000000000000000000000000	56 0 0 0 20 0 0 7 0	32 0 0 1 0 7 0	4 0 0 0 0 2 0 36 0 0	39 0 0 0 1 0 33 0	42 0 0 0 0 0 0 18 0	130 0 0 0 0 18 0 30 0	0 0 0 0 18 0 3 5	2000030610	59 1 0 7 0 9 0 4 0	53 5 0 22 0 57 0 21 0	10 4 0 1 0 3 0 0 0 0	9200000100	4 0 0 0 0 0 43 0 0	36000000900	18 0 0 0 0 0 0 0 14 0	24 0 0 0 0 0 0	30 0 0 0 0 0 0 0 0	000300800	0 0 0 0 0 0 0 0 21	25 1 0 1 1 5 0 15 1
11 12 13 14 15 16 17 18 19 20	0 0 3 0 0 4 0 0 0	0 30 0 0 3 0 0 0 7	0 30 0 0 9 0 0 0 34	0 0 12 0 3 0 0 0	0 0 0 13 0 1 0 0 0 21	0 0 0 0 1 0 0 12	0 0 18 0 0 0	0 0 16 0 0 0 0 0	0 0 0 15 0 0 0 0 62	0 0 24 0 0 0 0 0	0 41 27 0 0 0 0	0 9 56 3 7 0 0 0	0 25 30 5 14 0 0 0	0 14 46 43 30 0 0 0	0 3 11 4 30 0 0 0 2 2	0 0 41 2 2 0 0 0 3 2	0 19 0 40 0 0 6 3	0 2 16 31 3 0 0 0	0 63 0 0 0 0 14 15	10 0 0 0 0 0 118 0	0 10 4 7 15 0 0 0 13	0 34 23 0 10 0 0 43	0 38 4 0 11 0 0 0	0 50 0 7 0 0 0 66 0	0 8 15 12 8 1 0 0 12 21
21 22 23 24 25 26 27 28 29	0 0 0 0 0 ****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 ***** 0 4	0 0 0 0 0 0 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 16 ****	0 0 0 0 0 9 ****	0 0 0 0 0 11 **** 26 32	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000	0 0 0 0 0 **** 1 36 0	0 0 0 0 **** 24 5	0 0 0 0 0 **** 56 0	0 0 0 0 0 0 0 0	0 0 0 0 0 **** 66 7 52	0 0 0 0 3 **** 110 3 98	0 0 0 74 **** 107 0	0 0 0 0 24 **** 111 13 29	0 0 0 0 1 **** 45 7 24	0 0 0 0 0 **** 21 49	0 0 0 0 **** 6 29	0 0 0 0 4 ****** 12 19
30 31	6 0	11	0	0	0	0	0	5 0	23	5 0	0	0	0	41 0	14	0	0	0	0	0	0	0	0	0	5
MEAN	7	5	4	2	3	3	2	5	8	6	9	5	5	10	8	5	6	8	12	14	8	7	5	6	6.4

PERCENTAGE OF DATA VALID - 96.6

PERCENTAGE OF DATA INVALID - 3.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PC	LLUTA	NT -	SULPH	UR DI	OXIDE	1							UNITS	- 0	01 PA	RTS/M	ILLIO	N						
	ST	ATION	- NE	NO	71038	3	LUCIE	E PIT	ALGOM	A ORE	WAWA					MON	тн -	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 2 0 8 37 0 0 0	0 0 0 1 1 0 0 0 0	0 0 5 0 0 14 0 0 0 0	0 0 2 2 0 25 0 0	0 0 5 1 0 0 0 0 0	0 0 9 0 0 0 0 0 0 0 0	0 0 118 2 70 42 0 0 0 41	0 0 45 13 38 28 0 0 0	0 **** 46 11 0 37 0 0 0	0 12 130 38 54 31 0	0 4 29 4 57 19 0 0	0 0 3 0 2 9 5 0 0 0	0 3 3 0 0 0 0 0	0 20 2 0 0 0 0 0	0 33 1 19 1 0 0 36 9	0 50 0 40 18 0 0 0	0 56 3 35 28 0 0 36 4	0 58 36 29 42 0 0 32 34	0 62 42 19 81 0 0 71 2	0 118 77 41 109 0 0 0 73 2	0 26 20 35 89 0 0 4	0 13 26 9 29 0 0	0 4 0 4 3 0 0 0 0 8	0 6 0 71 11 0 0 0	0 20 25 15 29 10 0
11 12 13 14 15 16 17 18 19 20	84 0 0 0 **** 0 0	****	****	3 0 0 0 **** 0 0	0 0 0 0 **** 0 0	0000	****		0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	0000-00000	0 0 0 0 0 0 0 0 0	0 1 0 **** INVAI 0 0 0 0	0 2 0 	0 31 0 *****	0 20 0 0 0 0 0 0	0 0 1	****	****	****	000	0 0 0 0 0 0 0 0 0 0	****	4 2 0 ******* 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 0 0 15 45	0 0 0 0 19 47	0 0 0 0 16 28	0 0 0 0 9 19	005005	0 0 2 0 14 2	0 0 0 0 10 3	0 0 0	0 0 20 0 0 12	000000000000000000000000000000000000000	0 0 5 0 0 1			0 0 20 0 2 1 1 1 1 0 0		0	0 10 22 33 8 ****	0 18 24 0 28 ****	0 26 6 0 11 ****	0 24 13 0 27	0 12 6 14 4 ****	0 10 0 5 3 *****	0 0 2 16 14 ****	0 0 3 8 32 *****	0 4 8 3 9 ******
MEAN	В	3	3	3	1	1	12	6	5	1.1	4	2	2	2	5	7	10	12	13	19	8	4	3	6	6.2

PERCENTAGE OF DATA VALID - 83.3

PERCENTAGE OF DATA INVALID - 16.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	- NE	NO	71038	l	LUCIE	PIT	ALGOM	A ORE	WAW	Д				MONT	r u	IUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	0	0	0	0000	0	0	0	0	0 0 0	0 0	0	0	0 0 0	0	0 0 0	0	0	0000	0 0 0	0 0 0	0	0 41 0	0 24 0	0 12 0	0 3 0
4 5 6	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0	O O INVAL	0	0	0 0 26	0	0	61	0 0 83	0 0 23	0 18	0	9
8 9 10	1	2	0	0	0				0		0	13 0	17	12 0 42	25 0 66	33 0 2	47 24 48	35 2 18	49 27 24	25 0 31	16 17	6 6	26	0	3
11 12 13 14 15 16 17 18 19	0 0 22 0 54 89 2	0 0 53 63 15 110 0	0 0 0 156 0 97 0	0 0 0 111 0 59 1	0 0 0 137 0 7 63 0	0 0 0 43 0 25 127 0	0 0 0 15 0 38 205 0	00000014	0 0 0 10 0 1 57 0	0 0 0 0 0 0 17 0	0 47 23 0 0 35 0	0 17 11 0 0 4 0	0 4 67 0 3 11 0	0 46 16 0 2 14	0 0 87 0 0 1 11 0	0 0 33 71 0 6 2	0 0 17 58 0 4 0	0 4 8 12 2 5 0	0 0 16 3 23 33 0	0 0 52 36 0 70 0	0 43 28 80 60 28 0	0 0 11 13 51 58 23 0 0	0 56 0 79 78 38 0 0	0 77 0 70 29 16 0	8 18 46 13 28 28
21 22 23 24 25 26 27	0 0 0 0 1	00000	0 2 35 0	0 2 13 0 0	0 1 10 0	0 1 0 0 0	0 0 24 0 0	0 9 13 0 3	0 10 0 0 2	0 0 0 0 2	0 1 0 0 5	0 12 4 0 23	0 6 14 0 54 DATA	0 15 5 0 28 I NVAI	0 12 3 0 0 .ID -	11 13 3 0 0	19 4 14 9 0	18 0 11 28 0	18 0 0 70 0	28 0 6 0	55 0 0 3	45 0 0 0	13 0 0 0	4 00 4	9 4 6 5 6
28 29 30	0 0 34	0 0 13	0 0 7	0	0	0	0	0 0 2	0 0 7	0 0 4	0 0 2	0 30 0	14	6	0 1 29	0 3 0	41 5 0	35 7 0	108 7 0	8	13 0	20 18 0	13 0	2 6 0	5
31 Mean	0 8	0 10	0 11	0 7	9	0 B	11	0 6	о 3	0	0 4	0 4	0 7	o 7	0 B	0 6	0	6	0	0 11	0 16	0 12	0 13	0 8	0 8.5

PERCENTAGE OF DATA VALID - 86.3

PERCENTAGE OF DATA INVALID - 13.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

ES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION LUCIE PIT ALGOMA ORE STATION - NE NO 71038 MAWA MONTH - AUG HOUR ç, 24 MEAN 0 0 0 0 0 37 0 0 0 0 0 0 0 0 0 0 0 003501122500 513000011360 1 2 3 4 5 6 7 8 9 10 0 33 0 79 28 0 18 10 0 53 0 7 9 0 3 36 15 0 2 5 43 0 0 12 13 14 15 16 17 18 19 19 0 0 0 0 0 0 0 0 29 0 0 0 0 0 0 10 1 15 0 0 0 0 0 0 1 1 0 0 0 0 10 31 45 12 0 0 0 0 16 0 0 11 20 0 0 0 0 0 2 22 52 4 28 0 0 0 0 2 5 14 7 13 0 0 0 0 6 3 0 0 0 0 0 11 1 2 91 22 23 24 25 26 27 28 29 30 17 0 0 0 0 0 0 0 0 21 0 0 0 1 0 0 12 0 0 51 0 0 0 0 13 0 48 000000000 19 0 0 0 0 0 0 0 0 0 0 0 0 38 12 0 3 0 0 19 0 0 0 11 0 0 6 0 22 0 0 0 1 11 0 0 0 0 200600-000 Ç Q

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

3.8

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO 7	1038	L	UCIE	PIT	ALGOMA	ORE	WAWA					MON	TH - 5	SEP.	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1 B	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0	0	0	0	0	0	0	0	O	0		O - DATA	100 A	AVAILA AVAILA AVAILA AVAILA AVAILA	BLE BLE BLE BLE BLE BLE		O	0	0	0	₩/	:-	•	¥		0
11 12 13 14 15 16 17 18 19												- DATA	MU A UNA A U	AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA	ABLE ABLE ABLE ABLE ABLE ABLE ABLE											
21 22 23 24 25 26 27 28 29												- DATA	A UNI A UNI A UNI A UNI A UNI A UNI A UNI	AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA	ABLE ABLE ABLE ABLE ABLE ABLE ABLE											
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	О	0	0	0 '	****	***	***	• • • •	0.	0

PERCENTAGE OF DATA VALID - 2.8 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 97.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- " INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NE NO 71038 LUCIE PIT ALGOMA ORE WAWA MONTH - NOV 17 18 24 MEAN 11 12 13 14 15 16 HOUR DAY - DATA UNAVAILABLE 2 3 4 5 6 7 8 9 - DATA UNAVAILABLE ٥,

12 13 14 15 16 17 18 19 0 0 7 0 0 22 23 24 25 26 27 28 **** MEAN 0.3

PERCENTAGE OF DATA VALID - 87.5

PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - B.6

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	NE	NO	71038	L	UCIE	PIT	ALGOMA	ORE	AWAWA					MONT	н - с	EC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN	
1 2 3 4 5 6 7 8 9	0 0 0 0	000000	0 0 0 3 0	00000	0	0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 2 0 0		0 0 0 8 0 0 - DAT - DAT - DAT	UNA	VAILA	BLE -	•	000400	0 0 0 3 2	00036	0 0 **** 2 4	0 0 1 2 -	1 0	0 0 1 0 -		000210
11 12 13 14 15 16 17 18 19												- DATA	1 UNA	VAILA VAILA VAILA VAILA VAILA	BLE BLE BLE BLE BLE BLE BLE										
21 22 23 24 25 26 27 28 29 30	****	000000000000000000000000000000000000000		0000	_			. 00000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- DAT.	0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	000000000	0000000000	000000000	00000000000	100000000000000000000000000000000000000	000000000	000000000	000000000	0 *****	. 0000: 000

MEAN 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 1 0 0 0 0 0.2

PERCENTAGE OF DATA VALID - 47.2 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 50.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 71038 LUCIE PIT ALGOMA ORE WAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
NAU		DATA UNAVAI	LABLE	
FEB		DATA UNAVAI	LABLE	
MAR	6	4.1	19	134
APR	27	5.4	34	230
MAY	29	6.4	25	170
JUN	24	6.2	29	130
JUL	25	8.5	46	205
AUG	31	3.8	22	91
SEP	1	0.0	0	0
oct		DATA UNAVAI	LABLE	
NOV	25	0.3	3	18
DEC	14	0.2	2	8
YEAR	182	4.7	46	230

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 71038 LUCIE PIT ALGOMA ORE WAWA

MONTH	00 TO 04	05 TO 10 11	TO 14	15 TO 25	26 TO 39 4	O &OVER	TOTAL	
JAN		DATA UNAVAIL	ABLE					
FEB		DATA UNAVAIL	ABLE					
MAR	140	6	1	4	3	4	158	
APR	585	17	8	15	15	27	667	
MAY	567	35	22	31	26	38	719	
JUN	478	25	17	23	28	29	600	
JUL	490	24	25	32	23	48	642	
AUG	627	33	21	29	15	19	744	
SEP	20	0	0	0	О	0	20	
ост		DATA UNAVAIL	LABLE					
NOV	616	7	3	4	o	О	630	
DEC	346	5	O	О	0	0	351	
YEAR	3869	152	97	138	110	165	4531	

FREQUENCY DIS	STRIBUTION BY	PERCENTILES
---------------	---------------	-------------

PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
68.7	0	0.0	0.0	0.0	0.0	12.3	29.8	57.6	80.7	230	4.7

	STA	TION	- NE	NO T	75016	٧	ERNER	PATR	OL Y	ARD DO	T VE	RNER				MON	гн - ,	MAL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 0 0 1 1 0 1	0 0 0 0 0 0 0 0 1	0 1 0 0 0 0 0 0 2	0 1 0 0 0 0 0 2 0 1	0 0 0 0 0 1 0 0	0 1 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0100000000	000000000	0 0 4 0 0 1 0 0 0 1	0 1 1 0 0 0 1	0000000	0 1 0 0 0 2 0 0 1	0 0 0 1 0 1 1 1	0 0 0 1 0 1 8 0	0000000000	0 0 0 0 1 0 0 6 0	000000150	0 1 0 0 0 1 0 0 5 0	0 1 0 0 0 1 0 0 4 0	0 1 0 0 0 1 0 0 2 0	0 1 0 0 1 0 0 2 0	0 1 0 0 1 2 0
11 12 13 14 15 16 17 18 19	0022020015	0 0 2 0 0 1 0 0 1 4	0 3 0 0 1 0 0 2 3	0020000043	1 0 2 0 0 1 0 0 2 2 2	2020010013	4 0 2 0 0 1 0 0 1 3	3 0 2 1 0 0 0 0 1 2	1 0 3 1 0 0 0 0 2 3	1 0 2 0 1 0 0 0 2 3	1 0 3 0 1 0 0 0	2 0 3 2 1 0 0 0 3 1	203010003	3 3 0 0 0 2	003520003	0 0 3 2 1 0 0 0 3 .	0 0 4 0 1 4 0 1 3	0 1 3 0 0 2 0 1 4	0 0 0 0 5	1 2 3 1 1 0 0 6	1 0 2 1 1 0 0 2 6 -	0 0 2 1 2 0 0 3 5 .	0 1 2 0 2 0 0 2 5 .	0 1 1 0 3 0 0 1 5 -	1 0 3 1 1 1 0 0 3
21												- DA	TA UNA	VAIL	ABLE										
22 23 24 25 26 27 28 29	0 0 1 1 0 0 1 0	0 0 0 0 0 0	0001000	0 0 1 0 0 0	0 0 0 1 0 0 0	0 1 0 0 0 0 1 0	000000000000000000000000000000000000000	0000000	0 1 0 1 0 0 0	1 1 0 0 0	1 2 1 1 1 0 0	1 2 1 0 0 0 0 0 0	0 0 1 0 0 0	0 0 0 0 0 0	0 1 1 0 0 0 0	0 1 2 0 0 0 0 0	012001000	002102000	0 0 0 1 9 2 0 0 0	0 0 1 3 1 0 0 0	0 0 1 0 1 0 0	0 0 1 0 0	00010000	0 0 1 1 0 0	0 1 1 1 1 0 0
31	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	٥	0	1	0	0	0	0	1	1	1	1	1	1	1	1	7	1	1	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 93 5

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 6.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANI	· - s	ULPHL	R CIO	XIDE						U	NITS	- 0.0	1 PAR	TS/MI	LLION	4							
	STA	TION -	NE	NO 7	75016	v	ERNER	PATR	DL YA	RD DO	T VER	NER				MONT	н - ғ	EB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	EAN
1 2 3 4 5 6 7 8 9	0001000100	0002000101	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	0001001	0000000000	0000001	0 0 0 0 0 0 1 3	0 0 1 0 1 0 0 0 1 2	1 0 0 0 0 1 0 1 2	0 0 1 0 0 1 1 0	0 0 0 0 0 0 0 2 1	0 0 0 1 1 1 0 1 2	0 3 0 0 4 1 2 0 1 3	0 0 0 0 0 0 0 1 0 1 2	0 0 0 7 0 1 1	0 0 0 0 4 0 1 0 0 1	0 0 0 0 0 1 0 0 1	0 0 1 0 1 0 1 1	0 2 0 0 1 0 1 0 1 1	0 1 0 1 0 1 0	0 1 0 2 0 1 0	0 1 0 0 1 0 2 0 1 0	0 0 0 1 0 1 0 1 0	0 0 0 1 0 1 1
11 12 13 14 15 16 17 18 19	0 0 0 1 2 1 0 0 0	0001210000	0 1 0 2 2 0 0 0 0 0	0002110000	1 0 0 0 1 1 1 0 0	1 0 0 0 0 0 0 0 0	1 1 0 2 0 0 0 0 0 0	1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 1 3 0	0 1 0 0 1 0 0 2 4 0	0 1 0 1 1 0 0 1 4	0 1 0 0 1 1 0 0	0 1 0 0 1 0 0	0 1 0 5 1 1 0 0 0 0	0 1 7 0 1 1 0 0	0 1 2 6 1 1 0 0 0	0 1 0 1 0 0	0 1 2 4 0 1 0 0	0 0 2 3 3 1 0 0 0	0 1 2 3 1 0 1 1 0	0 1 1 2 0 0 1 0 0 0	0 1 0 2 1 0 0 0	0 1 1 1 0 0 1 0	0 1 1 0 0 1 0 0 0	0 1 1 2 1 0 0 1 1
21 22 23 24 25 26 27 28 29	0 0 0 0 1	0 0 0 0 0 1	0 1 0 0 1 0 0	0 0 0 0 0 0 1 0	0 0 0 0 0 0 1	1 0 0 0 1 0 5 0 1	0 0 0 0 2 0 0 0 1	0 0 0 0 2 0 0 1	0 0 0 1 1 0 0 1	0 0 1 0 2 4 2 0 0 1	0 0 0 0 0 1	0 0 1 0 0 0 1	0 0 1 0 0 0 0	0 0 1 0 0 0 1	0 0 0 0 0 0 0	0 0 1 0 1 0 0 3	0 0 0 1 1 0 0 1	0 0 0 0 0 0 1	0 0 0 1 0 0 1	0 0 0 1 0 0 1	0 0 0 1 0 0 1	0 0 1 0 0 1 0	2 0 2 1 0 1 0 0 0	1 0 1 1 0 0 0 2 0	0 0 0 0 1
MEAN	0	0	0	0	O	0	0	-3	0	1	1	0	0	1	1	1	1	0	1	1	0	0	1	0	0.5

PERCENTAGE OF DATA VALID - 99 7 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- NE	NO	75016	1	ERNER	PATR	OL YA	RD DO)T VE	RNER				MONT	TH - N	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 1 0 1 0 1 2	0 0 0 1 0 0 1 2	0 0 0 0 0 0 4 1 0 2	0 0 0 0 0 6 1 0 2	0 0 1 0 1 0 1 1 0 2	0 0 0 0 0 0 1 0 2	0 0 0 0 0 1 1 0 2	0 0 1 0 0 0 0 1	1 0 1 1 1 1 1 0 0	1 0 1 2 1 1 1 1 - 1 0 1	1 0 1 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 1 0 1 0 4 0 2	1 1 0 0 1 0 6 1 1	1 1 0 0 3 0 8 1	1 0 1 0 0 3 0 7 1	1 0 1 0 0 3 5 1 1	1 0 0 1 0 1 2 1 1	1 1 0 1 0 0 1 1	0 0 0 0 0 0 1 2 1	0100000120	0 1 0 0 0 0 1 2 0	0100000120	0100000221	0 1 0 0 0 2 0 2 1	0 0 1 0 0 1 1 1 2
11 12 13 14 15 16 17 18 19	3 1 1 1 2 1 3 3	2 3 1 1 2 3 0 3 3 1	2 1 1 1 2 0 2 3 1	2 1 1 1 1 1 0 2 2 0	4 1 1 1 2 2 0 2 3 1	3 0 1 2 1 1 0 3 3 1	2 0 2 1 2 1 1 2 3 1	2 0 1 1 2 1 0 2 3 1	1 O 1 1 1 1 1 1 3	1 1 1 1 1 1 2 1	1 1 1 1 1 1 1 2 1	**** 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 2 1 1	1 1 1 1 1 1 1 2 1	1 1 1 1 1 2 1	1 1 0 2 1 1 2 1	2 1 1 1 1 2 1 2 1	2 1 1 1 1 3 1 2	4 1 1 2 1 3 2 2	4 1 1 2 0 2 2 2 1	4 1 1 1 0 2 2 1	4 1 1 1 1 2 2 1	4 1 1 1 1 3 2 1 1	4 1 1 1 3 1 1 1 1	2 1 1 1 1 1 1 2 2
21 22 23 24 25 26 27 28 29	1 0 0 0 0 0 0 1	1 0 0 1 0 0 0 0 0 0	0 0 0 1 0 1 0	0 0 0 1 0 1 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 1 0 1 0	1 0 0 1 0 0 1 0 0 1	1 0 0 1 0 0 1 0	1 0 0 1 0 2 1 0 0 1	0 0 0 1 1 0 0 0 0	0 0 1 2 0 1 0 0	0 11 0 1 6 0 1 0	0 8 0 1 6 1 1 0 0	0 9 0 1 6 0 1 0	0 5 0 1 1 0 0 0 0	0 2 0 1 5 0 0 0 0 0	0 0 0 0 0 0	0 2 1 0 1 0 0 0 0	0 1 1 1 1 0 0	0 1 1 0 0 0 0 0	0 0 0 0 0 0 0 1 0	0 0 1 0 0 0 0 0 0	0 0 1 1 0 0 0 0	0 0 1 1 0 0 0 1	0 2 0 1 1 0 0 0
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.9

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PQL	UTAN	T - S	ULPHU	R DIO	XIDE							ι	JNITS	- 0.0)1 PAF	RTS/M	LLIO	4						
	STAT	TION .	NE.	NO 7	5016	V	ERNER	PATR	OL YA	ARD DO	T VE	RNER				MONT	н - д	PR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0000300000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0	00050000	0 0 0 0 0 0 0 0	0 2 0 0 0 0 0 0 1	0 7 0 0 2 0 0 0 4	0 4 0 0 6 0 0 0 1	050050000	0 13 0 0 8 0 0	0 15 0 0 0 0 0 0	69 0 0 0 0 0	011000000000000000000000000000000000000	0500000000	0700000000	0 17 0 0 0 0 0	0 19 0 0 0 0 0	0300000000	0 2 0 1 0 0 0 0 0	0 7 0 0 2 0 0 0
11 12 13 14 15 16 17 18 19	000000000	00000000000	0000000000	0 0 0 0 0 0 0 0 0	000000000	000000000	000000000	0 0 1 0 0 0 0 0 0 0	0 0 4 0 0 0 0 0 0	0 3 4 0 0 0 0 0 0 0	0 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 3 1 0 0 0 0 0	0 6 4 1 0 0 0 0 0	0 2 2 0 0 0 0 0 0	0 0 1 0 0 0	0100000000	0010000000	00000000	0000000000	0000000000	000000000	00000000	0000000000	00000000	0 1 1 0 0 0 0
21 22 23 24 25 26 27 28 29 30	000000000	000000000	000000000	0 0 0 0 0 0 0 0 0 0	0000000000	0000000000	000000000	000000000	0 0 0 0 0 0 0 0 0	0000000000	0000000000	000000000	000000000	0000000	0000000	000.00000	000000000	000.00000	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	00000000	000,00000	000000	0 0 0 0 0 0 0 0 0 0
MEAN	0	0	0	0	0	0	0	0	0	0	0	1	1	î	1	1	2	0	О	0	1	1	O	0	0.4

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 1.7

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - *- INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- NE	NO 7	5016	٧	ERNER	PATR	OL YA	ARD DO	T VER	NER				MONT	TH - N	MY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	0000000000	0 1 0 0 0 0 0 0 0	000000000	0 1 0 0 0 0 0 0 0	000000000	0000000000	000000000	1 0 0 3 0 0 0 0	1002100011	1 0 1 1 0 0 0 0 0	1 0 0 2 1 0 0 0 0	0 0 0 0 1 0 0 0 0 1	0 0 0 0 1 0 0 1	0 0 0 0 0 0 6 0 1	0000000000	0000000000	000000100	0000000000	0 0 0 0 0 0 5 0	0 0 0 0 0 1 0 1 0	0 0 0 0 0 1 0 0 0	0000000000	10000000001	0 0 0 0 0 0 1	0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	000000000	0000000000	0000000000	0 0 0 0 0 1 0 0 0	0010000000	0000010000	000000000	000000000	0 0 1 0 0 0 0 0 0 0	0000000000	0 0 0 1 0 0 0 0 0	000200000	000000000	0005000000	000200000	12000000	0003000000	0 0 1 0 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0 0	0000000000	0 0 0 2 1 0 0 0 0	0 0 0 2 1 1 0 0 0 0	0 0 0 1 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	0 0 0 0 0 1 0 0 0	0000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 0 0 0 0	0 0 0 0 0 1 1 0	0 0 0 1 0 1 0 0	0 0 0 1 0 0 0	0 0 0 0 0 0 0 0	000000100	000000100	0000000000	00000000000	00000000000	000001000	0 0 0 0 0 0 1 0 0	000000100	0 0 0 0 0 0 1 0 0	0000000000	0 0 0 1 3 0 1	0 0 0 0 0 2 0 0 2 1	0 0 0 0 1 0 0 1 1	0000010011	0000011000
31 MEAN	1 0	1	1 0	0	0	1 0	2 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2 0	1 0	0.2

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	r - s	ULPHU	JR ()10	XIDE							U	NITS	. 0.0	1 PAF	RTS/MI	LLION	N						
	STA	TION	- NE	NO 7	75016	V	ERNER	PATR	L YA	RD DO	T VER	NER				MONT	rH - J	UN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	
1 2 3 4 5 6 7 8 9	1 0 1 0 0 0	00000110	0 0 0 0 1 0 1 0	0 0 0 1 1 0 1 0	0 0 0 0 1 1 0 2 0 0	000010023	000002022	00000001	0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0	000000100	0 0 0 0 1 0 1 0	000000000	0 0 0 0 0 0 0 1	0 0 0 0 0 4 1 1	0 0 0 0 0 3 2 1	000000100	0000000100	0 0 0 0 0 1 0 0	000000000	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0	0 0 0 1 1 0 0 0	0 0 0 0 2 1 0 0 0 0	0 0 0 0 1 1 1 0 0
10 11 12 13 14 15 16 17 18 19 20	0 0 0 0 1 . 0 0 0 0	0 0 0 1	0 0 0 0 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0	0 0 0 1 - 0 0 2 0 1	0 0 0 0 0 0 1 0 0	0 0000 0000	0 0000 00000	0 0000.00000	0 0 0 0 0 0 0 0 1	0 0 1 0 0 0 0 1	0 000100000	0 0 1 1 0 0 0 0	0 0 2 0 0 0 0 0 0 0	0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0020002000	0020002000	0 0 2 0 0 0 1 0 0 0	0 0 1 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0	0 0 2 1 0 0 0 0 0 0	0 0 1 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 1 1 0 0 0 0 0	000100000	0000000000	0 0 1 0 0 1 1 0 0	1 0 0 0 0 1 0 0 0	010000000	000000000	000000000	000000000	0000000	0000000000	000000100	000000000000000000000000000000000000000	0000000000	000000000	0000000000	000000000	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0000000000	0000000000	1 0 0 0 1 0 0	1 0 0 1 0 0 0	1 0 0 1 0 0 1 0	0000000000
MEAN	0	٥	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

-- INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 75016 VERNER PATROL YARD DOT VERNER MONTH - JUL HOUR 24 MEAN 0 0 õ 5 6 7 ō ō ŏ ò n n DATA UNAVAILABLE 12 13 14 15 16 17 18 19 20 - DATA UNAVAILABLE - DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE - DATA INVALID 22 23 24 25 26 27 28 29 - DATA UNAVAILABLE -- DATA UNAVAILABLE - DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE MEAN 0.2

PERCENTAGE OF DATA VALID - 26.2

PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 69.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION -	NE	NO 7	5016	٧	ERNER	PATR	OL Y	ARD D	OT VE	RNER				MON	TH - 1	uG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9												TAG -	A V A I L A A V A I L A	BLE BLE BLE BLE BLE BLE	- - - - - -										
11 12 13 14 15 16 17 18 19	0 0 0 0 1 1 1 1	000000000000000000000000000000000000000	0 0 0 0 0 1 1	0 0 0 0 0 2 1	1 0 0 2 0 1 2 2	00020011	0 0 0 0 1 0 1 0	00000100	0 0 0 0 0 0 0 0	000000	00000	- DATA	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O O O O O O O O O O O O O O O O O O O	0 0 0 0 0 1 0 0 0	00000000	10000000	00000000	000000000	000000000	0 0 0 0 0 1 0 0 0	1 0 0 0 1 1 0 0 0	1 0 0 0 1 1 0 0 0	1 * 0 0 0 1 1 1 0 1	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29 30	0 1 2 1 0 0 0 0 1 0	0 0 0 0 0 0 1 0	0 1 1 1 0 1 0 0 0 0	1 1 0 1 1 0 0 0 0 0	1 1 1 0 2 0 0 0 0	1 1 1 1 0 0 0 0	1 0 5 0 0 0 0 0 0 0 0	0 1 1 0 0 0 1 0 0	0 0 1 0 0 0 1	0 1 0 0 0 0 1 0 0	003000000	1 0 4 0 0 0 0 0 0 0 0	0 0 1 0 3 0 0 0 0 0	0 0 0 7 0 0 0 0	000000000	000000000	0000000000	000000000	000000001	0000000000	1 0 0 0 0 0 0 0 0 0	000000000	000010000	0 0 0 0 1 0 0 6 0 0	0 0 1 0 0 0 0 0 0
31 MEAN	1	1 0	1	0	2	0	0	0	0	0	0	1	2	2	2 0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 62.4

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 37.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	NE	NO	75016	1	/ERNER	PATR	OL Y	ARD DO	T VE	NER				MONT	rH - \$	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	00000000	000000000	0 0 0 0 0 0 1 0	0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 0	0 0 0 0 0 1 0 0	000000000	0000000000	0000000000	0000000000	0003000000	0000000000	0001002000	0001062000	1000041000	0000000000	000000000	0 0 0 0 0 0 0 1 0	000000000	0000000000	0000000000	0000000000	000000100	00000
11 12 13 14 15 16 17 18 19	0 0 0 0 0 1 0 1 0	0 0 1 0 0 0 0	000000000	0 0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0110000000	0 0 1 0 0 0 0 0 0 0 0 0	0000000000	0000000000	03000000	0900000000	0 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0	000000000	0 0 0 0 0 0 0 0 0	0 3 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	000000000	000000000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	0200000000
21 22 23 24 25 26 27 28 29	000400000	000300000	0 0 0 1 1 0 0 0 0	0 0 1 0 0 0 0	000000000000000000000000000000000000000	0000000000	000001000	000000000000000000000000000000000000000	0 0 0 9 0 0 4 0 1 0	0004005550	1 1 1 10 0 0 6 1 5	0 0 2 12 0 0 4 0 11 0	0 1 5 1 0 0 3 0	0 1 4 0 0 0 4 0 10 0	0 1 1 0 0 0 3 0 5 0	000001040	0 0 1 0 0 0 0 0 0	0010000000	0 0 1 0 0 0 0 0 0	0000000000	0 0 1 0 0 0 0 0 0	1 0 5 0 0 0 0 0 0	1 0 3 0 0 0 0 0	0 0 1 0 0 0 0 0 0	0 0 1 2 0 0 1 0 2
MEAN	0	0	0	0	O	0	0	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NE NO 75016 VERNER PATROL YARD DOT VERNER MONTH - OCT HOUR 24 MEAN DAY 0 2 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 20 0 0 0 1 1 0 0 0 1 0 0 1 0 22 23 24 25 26 27 28 29 О

PERCENTAGE OF DATA VALID - 99 7

MEAN

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

0 0

0.3

0 0

TES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

0 0

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- NE	NO '	75016	V	ERNER	PATR	OL YA	ARD DO	T VE	NER				MONT	rH - N	10V	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	. 19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9 10	0 0 1 0 0 1 0	0 0 1 0 0 0 1 0	1 0 1 0 0 0 0 0 0 0 0	1 0 1 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 3	000000001	0 0 0 0 0 0 0 1	000000000	0 0 0 0 0 0 0 1	0 0 0 0 4 0 0 0 0 1	0000210001	0000200001	0 0 0 0 1 1 0 0 0 1	0 0 0 0 0 0 0 1	0 1 0 0 0 5 0 0 0 1	000000001	0 0 0 0 0 0 1 1	0 1 0 0 0 0 1 0 1	0 1 0 1 0 1	0 0 0 0 1 0 1 0 1	0 0 0 0 1 0 0 0
11 12 13 14 15 16 17 18 19	1 3 2 1 1 1 1	1 3 2 2 1 1 1 1	1 1 2 1 1 1 1 1 1	1 2 2 1 1 1 1 1	1 1 2 1 1 1 2 2 1	1 1 2 1 1 1 2 2 1	1 1 2 1 1 1 1 3 2 1	2 1 2 1 1 1 3 2 1	2 1 2 3 1 1 1 2 2 1	2 4 1 1 2 2 1	1 1 5 5 1 1 2 2 1	2 2 3 5 2 1 2 2 2 1	2226242421	2 2 1 6 2 1 2 2 2 1	2 1 7 2 2 3 2 1 1	2 1 8 2 1 3 9 1	2 2 1 2 2 1 3 2 1 1	3 2 1 2 2 1 3 2 1	6 2 1 2 1 1 3 2 1	13 4 1 2 1 1 2 2 1 1	1 1 2 1 1 2 2 2 1 1	10 2 1 1 1 2 2 1 1	9 2 2 1 1 2 2 1 1	6 2 2 1 1 1 1 2 1	4 2 2 3 1 1 2 2 1
21 22 23 24 25 26 27 28 29	1 5 1 2 2 2 1 1 1 1	1 4 1 2 2 3 1 1 1	1 4 2 2 1 3 1 1 1 1	1 4 2 2 1 3 1 1 2 1	1 4 2 2 1 3 2 2 2 1	1 5 2 2 1 3 2 2 2 1	163123121	1 7 2 1 2 3 2 2 2	1 6 3 1 1 3 1 2 2	1 4 4 1 1 2 1 2 3 1	2 3 5 1 1 2 1 2 2 1	4 2 5 1 2 1 1 1 1 2	355221217	4 4 3 2 2 1 4 1 2 4	2 2 2 2 3 1 3 1 3 1	2 2 3 2 2 1 2 3	2 2 2 2 1 2 10	4 2 6 2 2 2 2 1 2 5	4 2 4 2 2 1 1 1 2 3	3 6 2 2 2 1 1 1 2 3	3 2 2 2 2 1 1 1 1 3	3 2 2 2 2 1 3 1 1 3	3 2 2 1 2 1 3 1 1 4	4 2 1 2 1 2 1 1 3	2 4 3 2 2 2 2 1 2 3
MEAN	1	1	1	ī	4	1	1	1	4	1	4	1	2	2	2	2	2	2	2	2	1	2	2	1	1.4

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	POLLUTANT - SULPHUR DIOXIDE														1 PAR	RTS/M)	LLIO	si .						
		TION -			75016		ERNER	PATRO	DL YA	RD DO	T VE	RNER				MONT	rH - E	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 1 1 2 2 1 3 1 1 3	2 1 1 2 1 1 2 1 1 2	2 1 1 2 1 1 2 0 1 3	2 1 2 1 2 2 1 3	2 1 2 1 2 1 1 3	1 0 1 2 1 2 1 1 1 3	2 0 1 2 0 1 1 3	1 0 2 2 1 3 0 2 1 4	1 0 2 2 1 3 0 2 1 5	1 0 2 2 1 3 0 2 2 2 2	1 0 2 2 1 3 0 1 1 2	1 0 2 2 1 3 0 1 1 2	1 1 2 1 1 1 1 3	1 1 2 2 3 1 1 1 1 2	1 1 2 2 1 1 1 2 1	1 2 2 2 2 1 1 1 2 1	1 3 1 1 1 1 1	1 2 2 1 1 1 1 1 1 1 1	1 2 2 1 1 2 1 1 1	1 1 2 1 2 1 2 2 1	2 1 2 1 1 3 3	3 0 2 1 1 2 1 1 2 2	1 0 2 1 1 2 1 1 2 1 1	1 0 2 2 1 1 2 1 1 2 3	1 1 2 2 1 2 1 1 1 1
11 12 13 14 15 16 17 18 19	1 1 4 0 1 1 1 1 2	1 1 4 0 1 2 1 1 2	1 1 1 3 0 1 1 1 0 2	1 1 3 0 1 1 1 2 2	1 1 1 0 1 1 0 2 2 2	1 1 0 1 1 0 2 3	1 2 0 2 0 1 2 1 1 3	1 2 1 2 0 1 1 1 1 3	2 1 1 2 0 0 1 0 1 3	1 1 2 0 *	1 1 1 1 1 2 2 2 2	1 1 1 2 1 0 2 1 1	2 0 1 1 1 2 1 2 1	2 0 3 2 1 1 2 1 2	2 0 1 2 1 1 1 2 0	2012211120	1 0 2 2 1 1 1 1 1 0	1 0 2 2 1 1 1 1 2 0	1 0 2 1 1 1 2 1 2 0	1 1 2 1 1 2 0	1 1 2 1 1 1 1 1	1 1 4 0 1 1 1 0	1 1 5 0 1 1 1 0	1 5 1 1 1 0	1 2 2 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 2 3 0 2 1 1 1 1 1	0 2 3 1 1 1 1 1	0 2 2 0 2 1 1 1	1 2 3 0 2 1 1 1 1 1	1 2 2 1 1 1 1 1 1 1	1 3 2 0 1 1 1 0 1	1 4 2 1 1 1 2 1 1	0 3 2 1 1 1 2 0	1 3 2 1 1 1 1 1	0 6 2 1 2 1 1 2 0 1	0 4 1 1 1 1 4 1 1	0 4 1 1 1 1 1 2 1 0	1 3 1 2 2 1 1 1 1	1 2 1 1 2 1 1 1 1	1 2 0 2 1 1 1 1 1	1 2 1 2 1 0 0	1 2 1 2 1 1 2 1 1	1 3 2 2 1 1 2 1 1	1 3 2 2 1 1 2 1 0	1 3 1 2 1 1 2 1 1 0	1 3 1 2 1 1 2 1 0	1 3 2 2 1 1 2 1 1	1 3 1 2 1 0 2 1 0	1 3 1 1 1 0 2 1 0 1	1 3 2 1 1 1 1 1
31	1	1	1	1	1	1	1	1	0	0	0	1	0	1	0	0	o	1	4	3	3	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1.3

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 75016	VERNER	PATROL	YARD DOT V	/ERNER		
MONTH O	0 TO 04 0	5 TO 10 11	TO 14	15 TO 25	26 10 39	40 &OVER	TOTAL
JAN	682	14	0	0	0	0	696
FEB	687	7	0	0	0	0	694
MAR	728	12	1	0	0	0	741
APR	692	8	2	4	0	1	707
MAY	739	3	1	0	0	0	743
JUN	707	٥	0	0	0	0	707
JUL	195	0	0	0	0	0	195
AUG	461	3	0	0	0	0	464
SEP	702	14	4	0	0	٥	720
OCT	738	4	0	0	0	0	742
NOV	690	28	2	0	0	0	720
DEC	738	4	1	0	0	0	743
YEAR	7759	97	11	4	0	1	7872

FREQUENCY DISTRIBUTION BY PERCENTILES

. maggano	PERCENT					CONCENT	TRATIONS					
	OF DATA				FREQUENC	Y DISTR	BUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	89.6	0	0.0	0.0	0.0	0.2	1.3	2.0	3.4	4.B	69	0.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 75016 VERNER PATE	ROL YARD DOT VERNER		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
NAU	28	0.6	3	9
FEB	29	0.5	2	7
MAR	31	0.9	2	11
APR	29	0.4	7	69
MAY	31	0.2	1	12
JUN	29	0.2	1	4
JUL	7	0.2	0	4
AUG	19	0.3	1	7
SEP	30	0.4	2	14
oct	31	0.3	2	8
NOV	30	1.4	4	13
DEC	31	1.3	3	1.1
YEAR	325	0.6	7	69

	STA	TION	NE.	NO 7	75020		TEACHE	RS CC	LLEGE	157	AVE	NORTH	BAY			MONT	H - 4	IAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	0 1 0 0 7 0 0 1 1	0 1 0 0 1 0 3	0 1 0 0 2 0 0 1 0 1	0 0 0 0 1 0 0 1	0 0 0 0 1 0 3 0 0 1	0030001010	0 0 0 0 0 0 0 1 0	000000000	0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0	000000000	0 0 3 0 0 0 0 1 0 3	102000000	0 0 0 0 0 0 1 0 2	0 0 1 0 0 2 0 2 0 0 0	0 0 0 0 0 0 0 1 0 1	000000000000000000000000000000000000000	0 0 0 1 0 0 0 0 5	0 0 0 1 0 0 0 0 4	0 0 0 0 0 0 0 2 1 4	0 0 0 0 0 0 2 2 4 3	0 0 0 1 0 0 0 3 10 2	0 1 0 5 0 0 1 2 4	0 1 0 6 0 0 0 1 1	0 0 1 1 2
11 12 13 14 15 16 17 18 19	0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 1 1 0	100000000000000000000000000000000000000	0 0 0 0 1 0 0	0 0 0 0 0 0 3 0 1	0 1 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0	0000000000	0 1 0 0 0 0 1 0	0 5 0 1 0 0 0	900000	0 12 0 **** 0 1 0 2 ****	0 0 0 1 0 0 3	0 0 0 1 0 0 3	0 0 0 1 0 0 1 0 6	0001000302	0 0 0 1 3 0 0 6 0 5	0000160902	0000030401	000000402	0000000005	0 0 2 0 0 1 0 2 0 3	00000022201	0 0 0 0 1 3 1 0 1	0 1 0 0 0 1 0 2
21 22 23 24 25 26 27 28 29 30	1002202021	1 0 0 1 1 0 5 1 2 1	1 0 1 1 0 0 4 1 2 1	0 0 3 1 1 1 3 3 2 4	0 0 0 0 1 3 2 1 5	0 0 3 0 0 1 2 0 1 4	0 0 3 0 0 2 3 1 1 3	0 0 2 0 0 2 4 1 2 2	1 0 2 0 0 2 3 2 2 1	1 0 1 1 1 2 2 0 0 1	1 0 6 1 1 2 2 4 0 1	1 0 7 0 1 3 2 0 0 1	1 1 0 0 2 2 1 0 0	1 1 2 0 1 1 3 0 0	0 1 2 0 1 0 2 2 0	1 0 4 0 1 0 1 2 0 1	0 2 1 1 0 1 0 2	0 0 1 2 1 0 2 1 0 2	0022102103	0 0 3 1 1 0 3 0 0 1	1 0 3 1 1 2 2 0 0	1 0 1 2 0 2 1 1 0 3	1 0 1 2 1 1 2 0 1	0 0 0 3 1 1 1 2 0 2	1 0 2 1 1 1 2 1 1 1 2
31 Mean	2 1	0	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	2	2	3	3	3	0.8

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID . 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- s	ULPH	UR DIO	XIDE							U	NITS	- 0.0	1 PAF	RTS/MI	LLIO	N						
	STAT	ION -	NE	NO	75020		TEACHE	RS CO	LLEGE	1 S Ţ	AVE	NORTH	BAY			MONT	'н - г	EB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	2011311123	2011231024	† 0 † 1 † 3 2 O 2 5	1 0 2 1 3 1 1 1 4 4	1 0 1 1 1 1 2 0 2 3	1 0 1 1 0 3 2 1 2 3	1 0 1 1 2 3 3 1 1 3	1 0 1 1 * 3 1 1 3	1 1 2 *** 4 4 0 1 3	1 0 1 1 0 5 2 0 0 2	1 0 1 1 1 1 0 0 2	1 0 1 0 1 0 0 5	1 0 1 0 0 3 2 0 1 5	1 1 4 0 1 2 1 0 3 3	0 3 3 0 2 2 1 0 4	0 4 4 0 3 2 1 0 2 2	0 4 1 0 2 1 1 0 3 1	0 4 1 0 6 1 1 0 2 2	0 1 1 0 3 0 1 1 0 1	0 1 2 1 3 0 1 1 0 2	0 1 2 2 3 0 1 1 0 0	0 1 2 1 3 0 1 1 2	0 1 5 4 1 1 3 0	0 1 4 3 0 1 1 3 0	1 1 2 2 2 2 2 2 2 2 2 2
11 12 13 14 15 16 17 18 19	1642212332	1 3 3 3 2 1 1 2 3 2	1 3 2 2 3 2 2 2 3 2	0 2 2 2 1 2 2 2 3 2	0 1 1 2 2 1 2 2 2 2 2	0 1 2 1 1 2 2 3	0 1 2 3 1 1 1 2 2 3	0 1 2 2 1 2 2 2 3 2	0 0 1 3 1 2 2 2 3 2 2	0 0 1 2 1 2 1 2 4 2	0 0 1 5 2 2 2 2 4 2	1 1 2 1 2 2 3 3 3	0 1 1 2 2 1 4 2 3	0 1 1 2 1 2 2 2 8	0 2 1 7 3 1 2 2 2	0 2 1 7 2 1 3 2 2 3	0 2 1 4 2 1 3 2 2 3	0 2 5 5 1 1 4 2 2 3	0225215226	0 2 6 5 2 2 5 2 2 4	0365324226	0 2 3 5 3 1 5 2 2 6	0234224226	1 3 3 3 1 2 3 2 2 4	0 2 2 3 2 3 2 3 3
21 22 23 24 25 26 27 28 29	4 1 3 2 3 1 1 1 0	4 1 3 4 2 1 1	4 1 4 3 2 1 2	5 1 6 1 1 2 1 0	4 2 8 1 0 2 0 1	4 2 6 5 1 3 0 1 0	4 19 2 0 3 0	5 4 6 4 0 3 0 1	4 3 3 6 0 **	3 3 5 5 0 0	4 2 5 4 2 2 0 1	3 2 5 1 **** 1 0 1 2	3 2 2 4 1 0 0 1 2	3 2 7 1 0 1	4 2 2 2 1 1 1 0 4	8 2 2 3 2 1 2 0 2	4 2 1 2 4 1 1 4 3	3 2 1 7 6 1 1	2 2 1 3 5 2 1 2 1	2 2 1 3 3 2 0 3 1	3 2 0 3 4 2 1 2	2 1 4 1 2 1	3 2 3 11 1 0	2 3 3 3 1 1 0 1 0	4 2 4 4 2 2 1
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAT	ION	NE.	NO	75020	T	EACHE	RS CO	LLEGE	1ST	AVE	NORTH	BAY			MON	rH - N	AA R	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	AN
1 2 3 4 5 6 7 8 9	100000000000000000000000000000000000000	0 0 0 0 0 0 1 1	1 1 0 1 1 1 1 1 2	2 0 0 1 1 0 1 1 1 1	000000000000000000000000000000000000000	2 0 0 2 0 0 1 0 1	2 0 0 2 1 0 0 3 0 1	2 0 0 1 1 0 0 2 0 1	3 0 0 1 0 0 0 0 2	3 0 0 1 0 3 3 1 0	3 0 0 1 1 0 2 2 1 1	2 1 0 1 1 2 1 4 3	3 0 0 1 0 1 1 1 0 0	1 0 0 1 0 2 1 2 0 0	0 0 0 1 0 1 1 2 1 0	0 0 0 0 0 2 1 2 1 0	0 0 0 1 0 2 1 2 3 0	0 0 0 1 0 2 3 1	0 0 0 0 1 2 0 2 3 1	0 0 0 0 0 2 1 1 2 1	0 0 0 0 0 1 0 2 1 1	0000041230	000000000000000000000000000000000000000	0 0 0 0 0 0 2 1 0	1 0 0 1 0 1 1 2 1 1
11 12 13 14 15 16 17 18 19	1 2 1 2 1 0 1 3 1 3	0 2 1 1 1 0 1 3 1 2	0 2 1 1 0 0 0 3 1	0 1 0 1 0 0 1 3 1 2	0 0 0 0 1 2 2 2 2	0 0 0 1 0 0 1 2 2 2	1 1 1 0 0 1 2 2 3	1 1 1 1 1 1 1 2 2 3	1 1 1 0 0 1 1 2 2	1 1 1 0 0 1 2 2 2	1 1 0 1 1 1 2 2	1 1 2 0 1 0 0 2 2	1 1 1 1 1 1 1 2 2 2	1 1 0 1 0 1 3 2	1 1 3 0 2 1 1 2 2	1 0 1 2 0 2 2 1 2 2	0 0 1 1 0 2 4 1 2 2	5 1 1 0 2 1 1 5	2 1 1 1 1 1 1 1 2 1	2 1 1 1 2 2 2 3 2	2 1 1 2 2 2 3 1	2 1 2 0 1 1 3 2 3 1	2 1 2 1 3 2 3	1 1 1 1 3 2 2 2 2	1 1 1 1 0 1 1 2 2 2 2
21 22 23 24 25 26 27 28 29 30	1 0 2 3 1 2 2 1 2 0	1 0 4 2 1 1 2 1 1 0	2 0 5 2 0 1 2 0 1 0	1 1 5 3 0 2 2 0 0 0	1 2 5 2 0 1 2 0 0 0	1 2 2 1 1 0	1 2 2 2 1 1 1 2 1	1 0 2 3 1 1 2 1 1 1	1 1 2 6 1 1 2 1 1	1 0 1 7 1 1 3 1	0 1 2 2 1 1 1 1 0	0 0 1 3 1 1 2 1 1	0 1 2 1 1 2 1 1 1 1	0 1 3 2 1 1 2 1	0 3 1 4 1 1 1 1 1 2	3 1 1 1 2 1 2	0 3 2 1 1 1 1 2 1 1	0 2 3 1 1 1 1 1 0 1	1 3 5 1 1 1 1 1 0 1	1 4 3 1 1 1 1 2 1 1	0 4 2 1 1 1 1 1 0	0 5 2 1 1 1 1 1 0	0 4 2 1 1 1 1 1 1 1 1	0 3 3 1 2 2 1 1 1 1 1	1 2 3 2 1 1 2 1 1 1
31	1	1	2	2	4	2	2	3	1	4	4	5	2	2	1	1	1	1	2	2	2	1	1	1	2

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID . 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.3

OTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS . O.C1 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE TEACHERS COLLEGE 1ST AVE NORTH BAY MONTH . APR STATION - NE NO 75020 19 22 23 24 MEAN 16 17 18 20 21 15 10 11 12 13 14 15 HOUR DAY 1 2 3 4 5 6 7 8 9 10 112 13 4 15 16 17 8 19 20 12 23 24 5 26 27 28 9 30 15 20 0 0 00 0-000.0000 0 101021 00000000 00000001 0101001 1000 0 MEAN

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- NE	NO	75020		TEACHE	RS CO	LLEGE	157	AVE	NORTH	BAY			MON.	тн - і	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 1 0 0 0 1 1	1 0 0 1 0 1 1	1 0 0 1 0 1 0	1 1 1 1 1 0 0 0	1 1 0 0 0 1	1 1 0 2 1 0 0 1 1	1 1 0 1 1 0 0 0 1	1 1 0 2 0 0 0 1	1 1 1 3 1 0 0 1 1	1 1 1 2 2 0 0 0	1 2 1 1 2 0 0 0 1 0	1 2 1 1 1 0 0 0	1000200021	1 0 1 0 0 1 0 3 1 2	1 0 1 0 1 0 2	1 0 1 0 1 0 0 0 2	1 0 0 0 1 0 0 0 2 1	1 0 0 1 0 0 0 0	1 1 1 1 1 0 0 0	1 0 1 1 0 1 1	1 0 0 0 0 0 1 0 2 0	1 0 1 0 1 0 1 0	0 0 1 1 0 0 1 1 0	0 0 0 1 0 0 0	1 1 1 1 1 0 0 0
11 12 13 14 15 16 17 18 19	3 0 0 1 1 0 1 0	1 0 0 1 1 0 1 -	0 0 0 1 1 0 0 1 -	1 0 0 1 1 0 0 0	0 0 0 1 1 0 0 0 1 1	0 0 1 0 0 0 1 -	1 0 0 1 1 1 1 1 1 1	1 0 1 1 0 1 1	0 1 0 1 1 0 0 1 1 1 -	0 0 0 1 0 0 1 1 1 1 1	0 0 0 1 - 1 -	0 0 1 1 1 0 1	0 1 0 2 0 1 0 1 1 0	0 2 0 3 1 1 0 2 1 0	0 10 0 1 0 1 0 2 1	0 1 0 6 0 1 0 1	0 0 0 12 0 1 1 1	0 0 0 5 0 1 0 1 1 1	0 1 4 0 1 0 1 1	0 0 1 3 0 0 0	0 0 1 1 0 0 0 1 1 0	0 0 1 0 1 1 0	0 0 2 0 0 1 1 1 1 0	0 0 1 1 0 0 1 1 1 0	0 0 0 2 0 1 0 1 1 1 ******
21 22 23 24 25	0 1 1 3	1 0 1 2	0 0 0 1	1 1 0 1	1 1 1 1	1 1 1 1	1 1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1	1 1 1 1	1 1 1	1 0 1 1	1 0 1	1 0 1	1 0 1 0	0 0 1 0	1 0 1	1 0 1 1	1 0 1 2	1 0 0 2	1 1 1 2	1 1 1 1
26 27 28 29 30	**** 1 1 1	**** 1 1 1	****	**** 1 1 1	1 1 1	1 1 1	**** 1 1 1 1	1 2 1	1 1 1 2	* * * 1 1 1	**** 2 1 1	**** 2 1 2 1	2 1 1 1	* * * * 2 1 1	**** 1 1 1	1 1 1	0 1 0 1	0 1 1 1	0 0 1 1	0 1 1 1	2 0 1 1	1 1 1 0	1 0 1 2 1	1 0 1 1	******
31 Mean	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0.8

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- SI	JLPHU	R DIOX	IDE						U	NITS	- 0.0	1 PAR	TS/MI	LLION	4						
	STAT	ION -	NE	NO 7	5020	Ţ	EACHERS	COLLEG	E 151	AVE	NORTH	BAY			MONT	ال - H	NL	76						
HOUR DAY	1	2	3	4	5	6	7	8 9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 0 1 0 1 1 1 2 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 1 1 1 1	1 1 0 1 1 1 1 0 0	1 1 0 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	0 1 2 1 1 2 1 2 1 2	0 1 3 1 1 2 2 1 2 2 **** 1	0 1 2 0 1 2 2 2 1 1	0 1 1 0 1 2 2 2 1 1	1 0 1 0 1 2 4 2 1	0 0 0 0 0 1 5 2 1	0 0 0 0 0 1 2 1 1	0 0 1 1 1 1 2 1	0 1 0 0 0 1 1 1 1 1 1	0 1 1 1 0 2 1 2 1 1	1 1 2 1 0 1 1 2 1	0 1 1 2 0 2 1 2 1 1	1 1 1 0 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19 20	1 1 1 2 1 1 2 1 1	1 0 0 1 1 1 1	1 0 0 1 1 1 0 1	1 0 0 2 1 1 0 1 1	0 0 1 2 1 1 0 0 1 1	1 0 0 2 1 0 0 1 1 1	1 1 2 1 0 0 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 2 1 1 1 1 1	1 0 1 2 1 1 1 1 1 1 1 1	1 0 1 1 1 1 1 1	1 0 2 2 1 1 1 0 1	0 1 2 2 2 1 1 1 1	1 1 2 1 1 2 0 1 1	1 2 1 1 1 1 1	1 0 2 1 1 1 1 1 1 1 1 1 1	0 0 1 1 2 0 1 1 1	1 1 2 1 1 1 1 1	1 1 1 1 1 1 1 0 1	1 0 2 1 1 0 1 1 0 1	1 1 2 1 1 0 1 1 0	1 2 1 2 0 0 1 0 0	0 0 2 1 1 2 0 1 0 1	1 0 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29	1 1 1 1 1 1 1 0	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 0	1 1 2 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 2 1 0 1 1	1 1 0 1 1 1 1	1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 0 1 1 1 2 1 1 1	1 1 1 1 2 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 0 1 1 1	2 1 2 1 1 1 1 0 1	1 1 2 1 0 1 1 0 0	1 1 2 1 1 1 1 0 1	1 1 1 0 1 1 1 0 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1
MEAN	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

	51	ATION	- NE	NO	75020)	TEACH	ERS (COLLEGE	151	AVE	NORTH	BAY			MON	TH	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	, ²⁴	MEAN
1 2 3 4	1	1	1	1	1	1	1	1	1	1	1	- 0	ATA	1 1 INVAL INVAL INVAL	ID -	0	1	1	1	0	1	1	1	!	1
6 7 8 9	1 3 1 1	1 2 1 1	1 1 1	1 1 0 1		1 0 1		1 1 2 1	1 1	1 1 1	2 1 1	2 1 1 1 1	1 1 2 1	2 2 1 1	1 1 1 2	1 2 1 1	1 1 1	0 0 1 1	1 1 1 1	1 1 1 2	1 0 2 1	1 1 1 2	1 1 1	2 1 1 1	1 1 1
11 12 13 14 15 16 17 18 19 20	1 0 1 1 1 1 2	1 0 1 1 0 0 1 1 1	2001100111	1 0 1 1 1 1 0 1 1	0 0 0	1 0 1 0 1	1 1 1 1	1 0 1 1 0 1	0 1 2 1 1 1	1 0 1 1 1 0 1	1 1 1 1 6 0 1 1 1 1	2 1 1 1 1 4 1 1 1 0	2 1 1 1 2 1 1 1 1 1 1 1	1 1 1 0 1 1	1 1 1 0 0 0 1 1	1 1 1 1 0 1 1	1 0 1 1 1 1 1 1 1	1 0 1 1 1 1	1 1 1 0 0 0 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 0 0 1 1 1 1	1 1 1 0 0 0 1 1	0 1 1 1 1 0 0	0 1 1 0 0 1 1 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	011111111111111111111111111111111111111	0 1 0 1 1 2 1 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2	1 1 0	1	0 1 1 0	0 1 1 1 0 1	1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 1 1 1 1 1 1 1 0	0 1 1 2 1 1 0 1	1 1 2 1 1 0 1	1 1 0 1 2 1 1 1 1 1 1	0 1 1 0 0 1 1 1 1 1 1 1 0	0 0 0 0 1 0 0 1 1 0 0	0 1 1 0 0 0 1 0	0 1 1 0 0 1 1 1	0 1 1 0 0 1 1	0 1 1 0 3 1 0 0 1	1 1 2 1 4 1 0 1 1 0 0 1	1 1 2 1 2 0 0 1 1 0 0	0 0 2 0 2 1 1 0 1 1 0	0 0 1 0 0 0	1 1 1 1 1 1 1 1 1

PERCENTAGE OF DATA VALID - 88.6

MEAN

PERCENTAGE OF DATA INVALID - 11.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

S 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - O.C1 PARTS/MILLION TEACHERS COLLEGE 1ST AVE NORTH BAY MONTH - AUG STATION . NE NO 75020 24 MEAN HOUR DAY 0 2 0 0 1 2 3 4 5 6 7 8 9 0 1 1 1 2 1 3 3 1 4 5 1 6 1 7 7 1 8 9 2 2 2 3 4 2 5 6 2 7 2 8 9 3 0 o - DATA UNAVAILABLE
- DATA UNAVAILABLE
- DATA UNAVAILABLE
- DATA UNAVAILABLE 1 2 1 2 1 2 2 2 2 0 1 1.0 MEAN

PERCENTAGE OF DATA VALID . 83.9

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 15.9

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	- NE	NO	75020		TEACH	ERS C	OLLEGI	1ST	AVE	NORTI	H BAY			MON	TH -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 1 1 2 1 1 1 2 *****	2 1 1 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 1 2 1 2 1 2 1 2 2 1 2 2 2 2 2 2 2 2 2	2 1 1 2 1 1 2 1 1 2 1 1 2 1 1	2 1 1 1 1 1 2 2 2 ****	2 2 1 1 1 1 2 2 2 ****	3 2 2 2 1 2 2 1 ****	2 2 2 2 1 2 1 2 1 2 ****	2 2 2 1 1 1 2 ****	2 1 2 2 1 1 1 2 2 + + + + + 1	1 2 2 2 1 1 2 1 2 2	1 1 2 1 1 1 2 2 3 2	2 1 2 1 1 2 2 3 1	1 1 1 1 2 2 3 1	1 1 2 1 1 2	1 1 2 1 1 7 2 **** 3 1	1 1 2 2 1 3 2 ***** 2 1	2 1 1 2 1 2 3 ****	1 1 2 1 1 2 3 ****	1 1 2 1 1 2 2 2 2 2 2 1	1 0 2 1 1 1 2	1 0 1 1 1 2 ****	1 0 1 1 1 2 ****	1 0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 1 1 2 2 ******
11 12 13 14 15 16 17 18 19	1 1 2 2 2 2 2 2 3 2	1 1 2 2 2 2 2 1	1 2 2 1 2 2 2 1	1 2 1 2 2 2 1 1	1 1 2 2 2 2 2 2 1	1 1 1 2 2 2 2 2 2 1	1 1 2 2 2 2 2 2 1	2 2 2 1 2 2 2 1	2 2 2 2 1 2 3 2 2 2 2	1 1 2 2 2 3 3 3 2 2 2	1 1 2 2 3 3 2 2 2 2	1 1 2 2 2 2 2 2 3 2 2 2 2 2 2 2 2 2 2 2	1 2 2 3 2 2 3 2 3 1	1 2 2 3 2 2 3 2 3 2 3 2 3	1 3 2 2 2 2 2 3 2 3	1 2 2 1 2 2 3 2 2 1	1521123221	1 12 2 2 1 3 3 3 1	2 5 2 2 1 3 3 3 1 1	2 2 2 2 1 3 3 3 1 1	1 2 2 2 2 3 3 1 1	1 2 2 2 2 2 2 3 1 1	1 3 1 2 2 2 2 2 2 1	1 2 1 2 2 2 2 2 1 1 1	1 2 2 2 2 2 2 2 2 2 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 0 0 1 1 1 0	1 1 1 1 1 0 1 1	1 1 1 1 1 0 1 1	1 1 1 1 0 1 1 0 0	1 1 2 1 0 1 1	1 1 1 1 1 1 1 1 1	2 1 1 4 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1	2 1 1 2 1 1 1 1 2	2 1 13 1 1 1 1 2 2	2 2 1 4 1 1 1 3 1 1	2 1 3 2 0 1 1 3 1 1	1 1 2 0 0 1 1 1 1	1 1 2 0 1 0 1 1 3 0	2 1 0 0 0 1 0 4 0	1 1 0 0 0 1 0 4	1 1 0 0 0 2 0 1 0	1 1 1 1 1 1 2 0 0 0	1 2 1 1 0 1 1 1 0 1	2 2 1 1 1 0 0 1 0 1	1 2 0 1 1 1 0 1	1 1 1 1 1 0 1 0 1	1 1 1 1 1 1 0 1 1 0 1 1	1 1 1 1 1 1 0 1 0 1	1 1 1 2 1 1 1 1 1

MEAN 1 1 1 1 1 2 2 2 2 2 2 2 1 1 1 2 2 2 1 1 1 1 1.5

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- S	ULPHU	JR DIO	XIDE							u	NITS	- 0.0	1 PAR	TS/MI	LLION	4						
	STAT	ION -	NE	NO 7	75020	1	FEACHER	s COLL	EGE	1 S T	AVE	NORTH	BAY			MONT	н - о	CT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 1 0 1 1 1 2 1	1 1 1 1 0 1 1 1 1 2	1 0 1 1 1 1 1 1	1 0 1 1 1 1 1 1 2 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1	2 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 0 1 1 1 1 2	1 2 0 1 1 1 0 1 1 1 1	2 1 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1	1 3 0 0 1 0 1 1 1 1 1	1 3 0 0 1 0 1 1	1 3 0 0 1 1 1 1 1	1 3 0 1 1 1 1 2 1 1	2 3 0 0 1 1 1 2 1 1	3 2 0 0 1 1 1 1 1 1 1	2 1 0 1 1 2 1 1	2 1 0 1 1 1 2 1 2 1	1 1 0 1 0 1 2 1 3 1	2 2 0 1 0 1 2 2 1 1	1 2 0 0 0 1 1 1 1 1 1	1 1 0 0 0 0 1 1 1 1 1 1	1 1 1 1 1 1
11 12 13 14 15 16 17 18 19 20	0 0 2 0 0 0 1 0 2	1 0 2 0 0 0 1 0 1 1	1 2 0 0 1 0 0 1 1	2 1 2 1 0 1 1 0 1 0	1 1 2 0 0 1 1 0	2 0 3 1 0 1 1 0 1 1	2 0 2 1 0 1 0 1 1 1 1 1	0 1 0 0	2 1 1 1 1 1 0 1 1 1 1 1	4 1 1 1 1 0 0	2 2 0 1 1 1 0 1 1	3 1 1 6 1 1 1 2	2 1 1 1 1 1 1 2 1	2 2 1 1 0 1 1 2	1 2 1 1 0 1 1 2 1	1 1 1 0 1 1 1 2 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 0 1 1 1 1	1 2 1 1 0 1 1 1	1 2 0 1 0 0 1 1 1	1 2 0 0 1 1 1 1	1 2 0 1 1 1 2 1 1	0 2 0 0 1 0 2 1 1	2 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 0 0	1 0 0 1 1 1 1 1 0 0	1 1 1 1 1 0 0	1 1 1 1 0 1 2 0 1	1 2 1 1 0 0 1 0 1	1 3 1 1 0 0 1 0 0	1 3 1 1 1 1 0 0	1 3 1 1 1 1 0 0 0	1 2 2 1 1 1 0 0 0	1 1 2 1 1 0 0 0 1	1 1 1 1 1 1 0 0 0 0 0 0 0 0	1 2 2 1 1 0 0 0	1 3 2 1 1 0 0 0 0 0	1 3 1 1 0 1 0	2 4 2 1 1 0 1 0 0 0	3 4 2 0 **** 0 1 0 2	7 4 1 1 1 0 0 0 0 1 1 1	6 2 1 0 0 0 1 0 3 1	6 1 1 0 0 0 1 0 2 0	5 1 1 0 0 2 0 0 0	2 1 1 0 1 0 9 0 1	1 1 1 0 0 1 0 3	1 1 1 0 0 0 0 2 0	1 1 1 1 0 0 0 0 0 0	2 2 1 1 1 0 1 0 1 0 0 1 0
31	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	1	1	0	1	0	0	0	0	٥	٥	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAT	ION	• NE	NO '	75020		TEACHER	RS CO	DLLEGE	151	AVE	NORTH	BAY			MONT	H - N	OV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	1 1 0 1 2 0 0 0 0	1 1 1 1 0 0 0 0	1 1 1 1 0 0 0 0 0	1 0 1 1 0 0 1 0	1 0 0 1 0 0 1 0	1 0 0 1 0 0 1 0	1 0 1 1 1 1 0 0 1 0	0 0 0 1 1 1 0 0 1 0	1 1 1 1 1 0 0 1 0	0 1 1 1 1 0 0 1 0	0 1 1 1 1 0 0 0 3	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 0 0 0	0 1 1 0 4 1 0 0 0 0	0 1 0 4 0 0 0 0 0 0	1 1 0 0 2 1 0 0 1 0	1 1 1 1 0 0 0 0	1 1 1 1 0 0 0 0 0	1 1 0 1 0 0 0 0 0 1	1 1 0 1 2 0 0 1 0 1	1 1 0 0 2 0 0 0 0 0	1 0 1 0 1 0 0	1 1 0 1 1 0 0 0	1 1 1 1 0 0 0 0 0 0 0	1 1 1 1 1 0 0 0 0 0
11 12 13 14 15 16 17 18 19 20	1 3 1 0 0 0 0 0 0 0	0000001000	0000001000	0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0 0	0000100000	0000000100	0000000100	0 0 0 0 0 0 1 1 0	000000100	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0	0 0 0 0 1 0 1 1 1 0 0	0 0 0 1 0 0 1 2 2 0	0 0 0 1 1 0 1 3 1 0	0 0 0 1 0 0 2 4 0 0	0000002500	0000000000	0 0 0 0 0 1 0 0 0	1 0 0 0 1 0 0 0	1 0 0 1 0 1 0	5 1 0 0 0 0 1 0 0	5 1 0 0 0 0 1 0 0 0	4 0 0 0 0 0 0	1 0 0 0 0 1 1 0 0
21 22 23 24 25 26 27 28 29	0 1 1 0 0 0 2 2 2 2 2 2	0 2 1 1 0 0 2 1 6 1	0 1 1 0 0 2 3 7 2	0 1 0 1 0 0 3 1 2	0 2 1 1 0 0 3 2 3 0	0 2 0 1 0 1 2 3 4 0	0 2 1 0 0 1 1 3 3 0	0 1 1 0 2 2 0	0 2 1 0 1 1 0 1 2 0	0 3 0 0 0 1 0 1 0 0	0 2 2 2 0 0 1 0 1	1 2 0 2 1 1 3	0 1 2 0 1 1 0 6	0 2 2 0 1 2 0 0 0 3	0 2 3 0 1 0 0 0 0 5	1 2 2 0 1 0 2 0 0 2	3 1 2 0 0 0 2 0 0 1	6000000	5 1 4 0 0 0 0 0 5	2 1 0 0 0 0 5	1 1 2 1 0 0 0 0 5	0 1 1 0 0 0 0 0 0 4	1 0 2 0 0 0 0 0	0 1 0 2 0 1 1 2 1 3	1 1 2 0 0 0 1 1 1 2

PERCENTAGE OF DATA VALID - 99.6

MEAN

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE TEACHERS COLLEGE 1ST AVE NORTH BAY MONTH - DEC STATION - NE NO 75020 24 MEAN HOUR DAY 3 4 5 6 7 8 9 0 0 2 0 0 0 1 0 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 4 5 1 3 0 2 0 0 0 0 0 1 303.00003 0 0 0 2 0 1 3 0 0 1 0 0 1 0 0 1 0.7 MEAN

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. . INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 75020 TEACHERS	COLLEGE 1ST AVE NORTH BAY		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.8	2	12
FEB	29	1.9	4	19
MAR	31	1.2	3	7
APR	28	1.1	4	20
MAY	28	0.8	2	12
NUL	30	1.0	1	5
JUL	27	0.9	1	6
AUG	25	1.0	2	5
SEP	28	1.5	3	13
OCT	31	0.9	2	9
NOV	30	0.7	2	7
DEC	31	0.7	2	8

1.0

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

349

POLLUTANT - SULPHUR DIOXIDE

YEAR

UNITS - 0.01 PARTS/MILLION

20

STATION - NE	NO 75020	TEACHERS	COLLEGE 1ST	AVE NORT	н вач		
MONTH 00	TO 04 05 T	0 10 11 TO	14 15 TO	25 26 TO	39 40 &0V	ER TOTAL	
JAN	721	18	1	D	0	0 740	
FEB	648	42	1	1	0	0 692	
MAR	732	10	0	0	0	0 742	
APR	687	5	1	2	0	0 695	
MAY	701	3	1	0	0	0 705	
JUN	718	1	0	٥	٥	0 719	
JUL	658	1	0	0	0	0 659	
AUG	623	1	0	O	0	0 624	
SEP	693	3	2	0	0	0 698	
OCT	736	6	0	0	0	0 742	
NOV	704	13	0	0	0	0 717	
DEC	733	10	0	0	0	0 743	
YEAR	8354	113	6	3	0	0 8476	

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT
OF DATA
VALID MIN 10 30 50 70 90 95 98 99 MAX MEAN

96.5 0 0.0 0.0 0.4 0.8 1.8 2.4 3.6 4.6 20 1.0

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION .	NE	NO	77001	1	PENAGE	SUDB	URY .	AIRSHE	D					MONT	гн - ,	JAN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	0000000000	0000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0000000000	0000000000	000000000	0 0 0 0 0 0 0 0	0000000000	000000000	000000000	0 0 0 0 0 0 0 0 2	0000010003	0 0 0 0 0 1 0 0 0 0	0000000000	0000000000	0000000000	000000000	0 0 0 0 0 0 0 0	0000000000	0000000000	000000000	0000000000	000000000	000000000
11 12 13 14 15 16 17 18 19	0000000000	0000010000	0 0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0	000000000	0000000000	0000000000	000000000	000000000	1 0 0 0 0 2 0 0 0 0	1 0 0 0 0 1 0 0 0 0		00000.00000	0000000000	000000000	0000000000	0000000000	0 0 0 0 0 0 1 0 0	000000000	0000000000	0000000000	2 1 0 0 2 0 0 0 0	7 1 0 0 3 0 0 0 0 0 0	2000300000	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29	0000500000	0000500003	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	50000	0000000000	0000600000	0000600000	0000460000	0 0 0 3 2 0 0 0 1	0 0 0 0 1 1 0 0 0 2	0040010005	0 0 7 0 0 0 0 0 0 0 1 7	0 0 7 0 0 0 0 0 0 4	0 8 0 0 0 1	0 0 0 0 0 0 1	0 0 0 0 1 0 0 0 1	0 0 1 9 0 1 0 0 15	0 0 1 9 0 1 0 0	0 0 0 7 0 1 0 0 0 10	0006010008	0 0 0 5 0 1 0 0 0 6	0 0 5 0 1 0 0 6	0 0 0 5 0 1 0 0 0 6	0 1 2 2 1 0 0 0
31 MEAN	6	5 0	0	0	3 0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 99 6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DA"A IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PENAGE SUDBURY AIRSHED MONTH - FEB STATION - NE NO 77001 24 MEAN HOUR DAY 2 3 4 5 6 7 8 9 o 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 5 0 3 0 0 0 10 12 0 2 0 0 0 12 21 4 0 0 0 0 0 0 10 8 N0000000 0 2 0 0 0 10 29

PERCENTAGE OF DATA VALID -100.0

MEAN

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- NE	NO 7	7001	F	ENAGE	SUDB	URY	AIRSH	ED					MON'	TH - 1	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 10 0 0 0 0 0 0 4	0 12 0 0 0 0 0 0 7	020000007	0 0 0 1 3 0 0 0 6	0002600006	0 0 0 2 3 0 0 0 5	00000000004	0 0 0 2 1 0 0 0 0 4	220200004	4006000003	5002200000	2 0 0 15 0 0 0	800200000	14 0 0 7 0 0 0 0 0 0 0	8 0 1 0 0 0	6 7 0 1 0 0 0 0 7	8 5 0 1 0 0 0 0	5 10 0 0 0 0 0 0	4 12 0 0 0 0 0	9120000000	12 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0	4 0 0 0 0 0 0 0 0	200000000	4 3 0 4 1 0 0 0 3
11 12 13 14 15 16 17 18 19	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	000000000	000000000	000000000	0000000000	000000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0	0500000000	000000000000000000000000000000000000000	000000000
21 22 23 24 25 26 27 28 29 30	000000000	000000000	000000000	0 0 0 0 0 0 0 0	000000000	000000000	0000000000	0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	000000000	0000000000	000000000	0000000000	0 1 0 0 0 0 0 0 0 0	0 0 0 0 0 16 0 0	0 0 0 0 0 0 0 37 0	0 0 0 0 0 0 1 1 0 0	0000000700	0 0 0 0 0 0 1 0 0	000000100	000000000	0 0 0 0 0 0 1 0 0	0000000000	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
31 MEAN	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0 2	1	0	0	0	0	0	0	0	0.6

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANŤ	- SI	ULPHU	R DIO	(IDE							ι	NITS	- 0.	DI PA	RTS/M	[LL10	N						
	STAT	ION -	NE	NO 7	7001	P	ENAGE	SUDBL	JRY	AIRSHE	D					MON	TH - 7	PR	76						
HOUR DAY	f	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5	0	0	0	0	0	0	0	0	0	0	0	0 0 - DAT - DAT - DAT - DAT	A UNA	VAIL	ABLE	-	0	0	0	0	•	0	0	0	0
7 8 9 10	1 1 2	0 1 1	0 2 2	0 1 1	2 2 2	0 2 2	1 1 2	0 1 1	1 1 1	1 1 1	1 1 2	1 0 2	2 1 2	1	2 **** 2	1 2 2	1 2 1	2 2 1	2 2 2 1	1 2 2 2	2 1 1 2	1 1 2 2	1 1 2 2	1 * 1 2 1	***** 1 1 2
11 12 13 14 15 16 17 18 19	2 2 2 0 1 1 1 1 0	2 0 1 1 1 1 0	2 2 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 0 1 1 1 1 1 1	2 1 1 1 1 1 0	2 1 2 1 1 1 1 1 0	2 0 1 1 1 1 0	2 1 2 0 1 1 1 1 0	2 2 1 0 1 1 1 1 0	1 1 0 1 1 1 1	1 1 1 1 1 1 0	1 1 0 1 1 1 1	1 2 1 1 0 0 0 1	1 1 0 0 0 1	2 1 1 0 0 0 1	1 0 0 0 0 1 0 0	1 0 0 0 1 0 1	1 1 0 0 1 0 1	2 1 1 1 1 0 0 1 0 0 0	1 2 1 1 1 0 0 1	1 2 1 0 1 0 0 1 0 0	1 2 1 1 1 0 0 1 0	2 1 1 1 0 0 0	1 1 1 0 0 0 0 1	2 1 1 1 1 1 1 1 1 0
21 22 23 24 25 26 27 28 29 30	100010000	1 1 0 1 2 0 0 0 0	1 1 0 1 6 0 0 0 0 0	1 1 0 1 5 0 0 0 0	1 0 1 6 0 0 0 0	1 1 0 1 5 0 0 0 0 0 0	1 1 0 0 4 0 1 0 0 0	2 1 0 0 4 0 1 0 **	0 1 0 0 4 0 1	1 0 1 14 0 1 1 + * * *	0 1 0 4 18 0 1 0 0	0 1 0 2 3 0 1 0 0 0	1 0 0 0 0 0 0 0 0 1	1 0 0 0 0 0 0 0	1 0 1 0 0 0 0 0 0 0 1	1 0 0 4 1 0 0 1	1 0 0 6 0 0 1 1 0 2	1 0 4 0 1 0 1	1 0 0 1 0 0 1	1 0 0 1 0 0 1 1 0 2	1 0 0 1 0 0 0 0	1 0 0 1 0 0 0 0	1 0 0 1 0 0 0 1 1	1 0 0 0 0 0 0 0 1 1 1 1	1 0 0 1 3 0 0 0 0 1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 83.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 16.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	NE	NO	77001	P	ENAGE	SUDB	URY .	AIRSHE	D					MON	тн - ј	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5	1 0 1	1 1 0 1	1 1 0 1	2 1 1 0	2 1 2 1	1 1 2 0	1 1 1 0 0	2 1 0 1 1	1 0 0 1	1 1 0 1	1 1 1 1 0	1 1 1 1	1 1 1 1	1 1 1 ••••	1	1 1 1 1	1	1 0 1 1	1 0 1 1	0 0 0	1 2 0 1 0	1 0 1 1	1 0 1 2 1	0 0 1 1 0	1 1 1 1
6 7 8 9 10	0 0 0	0000	0000	0 0 0	0000	0 0	1 0 0	0 0	6 2 0 0	5 2 0 0	0 0 1	0 0 1 0	0000	0000	0 0 0	3 0 1 0	0 0	0 0 0	0 0	0 0	0	0	0	0000	0 0
11 12 13 14 15 16 17 18 19	0 0 1 1 0 0 0 0 0 0	0 0 1 0 1 1 0 0 0	0000001000	0 0 1 0 0 0	0 0 1 0 0 0 1	0 1 0 1 0 0 1 1	0 1 1 0 0 1 0	0 0 1 1 0 0 0 0 0 0	0 0 1 1 2 1 0 0 1 0	0 0 1 1 1 0 0	0 0 1 1 0 0 0	0 0 1 1 0 0 1 0	0 1 0 1 1 0 0 0 0	1 0 1 0 0 0 0	1 1 0 0 0 0 0 0 0	1 0 1 0 0 0 0 0 0	1 0 0 1 0 0 1 0	0 1 0 0 0 1 0	0 1 0 1 0 0 0	0 1 1 1 0 0 0 1 1	0 1 1 1 0 0 0	0 1 1 0 0 0 0 0 0	0 0 0 0 0 0 0 1	0 1 0 0 0 0 1	0 1 1 1 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	1 0 0 0 1 0 1 1 1	0 0 0 1 0 0 1 1 •	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 1	0000000011	000000001	0 0 0 0 1 1 0 1 0 1	0 0 0 2 1 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00001620100	0000920100	0 0 0 5 3 0 1 0 0	0000640100	000000000000000000000000000000000000000	0000520100	0 0 0 10 1 0 0	10 1 0 0	0 0 1 7 0 1 1	0 0 0 0 6 0 1 1 1 1	0 0 0 1 3 0 1 1 1 1	0 0 0 1 2 0 1 1 1 1 1	0 0 0 1 0 1 1 1	0 0 0 2 0 0 1 1 1 1	0 0 0 4 1 0 1
31 Mean	0	0	0	1 0	1 0	0	1 0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0.6

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. . " INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- s	ULPH	OIC RU	XIDE								UNITS	- 0.0	1 PAF	RTS/MI	LLIO	N						
	STA	TION -	NE	NO	77001	1	PENAGE	SUDB	URY	AIRSHE	D					MON	гн - ,	JUN	76						
HOUR DAY	ì	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 0 0 0 1 1 0 0	1 1 0 0 0 0 1 1 0 1	1000001101	1 0 0 0 0 1 1 1 0 1	1 0 0 0 0 0 1 1 1 1 1 1 1	1 0 0 0 1 0 1 1 1	2100010021	3 2 0 0 0 1 0 0 2 1	3 2 0 0 0 1 0 0 1	3 1 0 0 0 1 0 0	20 1 0 0 0 1 0 0 1 1	11 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 0 0 1 1 0 0	8 0 0 0 1 0 0	9 0 0 0 0 0 0 0 1 1	11 0 0 0 0 0 0 0 0 1 1	10 0 0 0 0 1 0 0 1	13 0 0 0 1 0 1 1 1 1 1 1	9 0 1 0 1 0 1 1 1 1	2 0 1 0 1 1 1 2 1 1	1 0 1 1 1 1	0 1 0 0 1 1 1 1	1 0 0 1 1 0 1 1	5 1 0 0 0 1 1 0
11 12 13 14 15 16 17 18 19	1 1 0 1 1 0 0 0 1 1	1 1 0 1 1 0 0 0 0 0	1 2 0 1 1 0 0 0 0 0	1 2 0 1 1 0 0 0 0 0	1 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0	1 1 0 1 0 0 0 0 0	1 0 0 1 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0	100010000	10000010	1 0 0 1 0 0 0 0 0 0	1 0 0 0 0 1 0 0 0	1 0 0 0 0 1 0 0 0	1 0 1 0 1 0 0 0	1 0 1 0 1 0 0 1	0 0 1 1 1 0 1 1 0	1 0 1 1 1 0 1 1 0	0 0 1 1 0 1 0 1	1 0 1 1 0 0 0 1	1 0 1 1 0 0 0 1 0 0	1 0 1 1 0 0 0 1 0 0	1 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 1 0 1 0 1 0	0 1 0 1 0 1 0	0 1 0 1 0 1 0 1	0 1 1 1 1 1 0 0 0	0 1 1 1 1 1 1 0 0 0	0 1 1 1 1 1 1 0 0 0 2	0 1 0 1 1 1 0 0 3	0 0 1 1 1 1 0	0001202012	0 0 1 2 0	0 0 0 1 1 0 1 0 3	0 0 1 1 1 1 1 0 3	0 0 0 0 1 0 0 0 1 4 1	0 0 1 0 0 0	0 0 1 0 0 0 7 0	0 0 1 0 0 0 1 9 0	0010000030	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 0 0 0 1 0	0 1 1 0 1 0	0 1 1 0 1 1 1 1 1	0 1 1 0 1 1 1 1 2	0 1 1 0 1 1 1 1	0 1 1 0 1 0 3	0 1 1 1 0 1 0 3 1
MEAN	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. .. INDICATES DATA IS UNAVAILABLE
 - 3. " --- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	· NE	NO 7	7001		PENAGE	SUDB	URY A	IRSHE	D					MON	тн - ,	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3000010100	1 0 0 0 1 1 1 1 1 0	1 0 0 1 1 1 1 1 1	1 0 0 1 1 1 1 1 1 0	1 0 0 0 1 0 0 1 0	1 0 0 0 0 0 0 1 0	1 0 0 0 1 0 0 1 0	1 0 0 0 1 1 0 0 0	1 0 0 1 1 0 1 1	1 0 0 1 1 1 0 0 1 1 0 0	1 0 0 2 5 1 1 1 0	1 0 0 1 3 1 1 1 1 0	0 0 1 0 1 2 0	0 0 5 5 2 •••• 0 1 1	0 0 1 5 1 1 1 0 0 0	0 0 1 2 1 1 1 1 0 0	0 0 0 1 0 0 0	0 0 0 0 1 2 1 0 0 0	0 0 0 1 1 2 1 0 0 0	000111120	0 0 0 1 1 0 1 1 2 0	0 0 0 1 1 0 1 1 0 0	0 0 0 1 1 0 1 1 0 0	0 0 0 1 1 1 1 0	1 0 0 1 1 1 1 1 1 0
11 12 13 14 15 16 17 18 19	000000000	000000000	0 0 0 0 0 0 0 0 0	0000000000	0000000000	000000000	0000000000	0000000000	000000000	0000000000	0000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	000000000	0000000000	0000000000	0000000000	0000000000	0 0 1 0 0 0 0 0 0 0	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29 30	000000000	000000000	0 0 0 0 0 0 0 0	000000000	0000000000	0 0 0 0 0 0 0 0 1	0000000000	000000000	100000000	3 0 0 0 0 0 0 0 1	13 0 0 0 0 0 0 0 2	2000000000	0 0 1 0 0 0 0 0 0	002000000	***	000000000	0 0 1 0 0 0 0 0 0	0 0 1 0 0 0 0 0	0 0 1 0 0 0 0 0	0000000000	0 0 0 0 1 0 0 0 0	0000000000	000000000	0 0 0 0 0 0 0 0	000000000000000000000000000000000000000
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0
MEAN	0	0	0	0	Ω	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	LUTANT	- S	ULPHU	JR DIO	XIDE							ι	JNITS	. 0.0	1 PAF	RTS/MI	LLION	į.						
	STA	TION -	NE	NO 7	77001	Р	ENAGE	SUDB	URY A	IRSHE	D					MONT	гн - и	UG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	000000000	000000000000000000000000000000000000000	000000000	0000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0000000000	000000000	000000000	000000010	0000000140	0 0 0 0 0 0 1 3 0	0 0 0 0 0 0 3 1 0	000000500	0 0 0 0 0 32 0 0	0 0 0 0 0 1 1 7 0 0	0 0 0 0 0 0 13 5 0 0	0 0 0 0 0 11 1 0	00000040+0	0000001110	0 0 0 0 0 0 1 0 0 0	0000000000	0000000000	000000000	0 0 0 0 0 1 3 1
11 12 13 14 15 16 17 18 19	0000100000	0000100000	1000000000	100000000	0 0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 0	000000000	000000000	0 0 0 0 0 0 0	0005000000	0 0 28 0 0 0	0 0 0 13 0 0 0 0 0 0 0	0 0 7 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	00000000	0 0 0 0 0 0 0	0000000000	1 0 0 0 0 0 0 0 0	20000000	2 0 0 0 0 0 0 0 0 0	1 0 0 1 0 0 0 0 0	0 0 0 0 0 0 0	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29 30	000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	00000000000	000000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000	0000000000	000000000
31	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	٥	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAT	TION .	NE.	NO	77001	F	ENAGE	SUDB	URY	AIRSHE	D					MON	тн -	SEP	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	00000000	000000000	0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	000000000	000000000000000000000000000000000000000	0000000	00000000		000000000	000000000000000000000000000000000000000	0000000	00000000	000000000000000000000000000000000000000	0000000000	000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 2	000000005	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000010002	0000030001	0 0 0 0 0 0 0 1	0 0 0 2 3 0 0 0 1	0 0 0 0 6 2 0 0 0	00001930006	0 0 0 0 0 17 1 0 0 0 2	0 0 0 15 3 1 0	0 0 0 18 3 2 0 0	0 0 0 15 5 2 0	0 0 0 17 4 33 0	0 0 0 18 0 31	35000	0 0 0 1 0 47 0	0 0 0 0 1 0 24 0 0 0	0 0 0 0 1 8 0 0 0	0 0 0 5 0 7 0	0000000	0 0 0 1 0 0 0	0 0 0 6 1 8 0
21 22 23 24 25 26 27 28 29 30	000001005	000000000000000000000000000000000000000	00000000	000000000000000000000000000000000000000	00000000	000000000	0000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000004	500000000000000000000000000000000000000	4 0 0 0 0 0 0 0 0 0	30000000000	300000000000000000000000000000000000000	2000000000	000000000000000000000000000000000000000	0000	1 0 0 0 0 5 0 0 0 0	000000000000000000000000000000000000000	1 0 0 0 0 5 0 0	000040000	00000000	000000000000000000000000000000000000000	1 0 0 0 1 1 1 0 0 0
MEAN	0	0	0	0	О	0	0	0	0	0	1	1	1	1	1	2	2	1	2	1	1	1	0	0	0.7

PERCENTAGE OF DATA VALID - 98.2

PERCENTAGE OF DATA INVALID - 1.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

.. INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION PENAGE SUDBURY AIRSHED MONTH - OCT STATION - NE NO 77001 HOUR Day 24 MEAN 22 12 3 0 2 1 0 8 0 0 2 3 4 5 6 7 8 9 0 0 2 0 1 17 0 0 0 0 1 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1,0000 0 0 0 0 1 00004.0000 0 0 1 O 0.5

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - * * INDICATES DATA IS UNAVAILABLE
 - 3. " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	NE	NO	77001		PENAGE	SUDBU	₹Y	AIRSHE	D					MON	rH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0	0000000000	00000000	0 0 0 0 1 0 0 0 1	000000001	000300000	1 0 0 7 0 0 0 0	1 0 0 6 0 0 0 0 0	0 0 0 12 0 0 0	000600000	0 8 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 2 0 0 0 0 0	0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0	0000000000	000000000	0000000000	0 0 3 0 0 0 0 0
11 12 13 14 15 16 17 18 19	000000000	000000000	000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000
21 22 23 24 25 26 27 28 29	0000000000	0000001000	0 0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0000004000	00000000000	0 0 0 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000	000000000	0000000000	000000000	0000000000	000000000	00000000	000000000	0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	000000000	000000000	000001000
MEAN	0	0	0	0	0	0	0	0	ο	0	0	O	٥	n	n	1	٥	n	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	' - SI	ULPHU	R DIO	XIDE							ı	UNITS	- 0.0	D1 PA	RTS/M	LLION	N						
	STA	TION -	NE	NO 7	7001	P	ENAGE	SUDB	URY /	AIRSHE	D					MON	гн - с	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0 0	000000000	000000000	0 0 0 0 0 0 0 0	000000000	0000000000	0000000000	000000000000000000000000000000000000000	000000000	0000000000	0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 7 0	00000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 6 0 0 0 0 1 0	000000000	0 0 3 0 0 0 0 1 0	000000000	0 0 4 0 0 0 0 0 6 0	005000050	0 0 4 0 0 0 0 0 1 0	0 0 4 0 0 0 0 0 1 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	000000000	0 0 0 0 0 0 0 0 10	000000001	000000000	000000000	000000000	0000000000	000000000	0000000000	0000000000	0000000000	0400000400	0000500500	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 8 0 0 6 0	0 0 0 0 3 0 0 1	000000000	0 0 0 0 2 4 0 0 1 0	0000420020	0000020060	0 0 0 0 1 0 0 12 0	0 0 0 0 1 0 0 3	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0 0 0 1 1 0 1 2 1
21 22 23 24 25 26 27 28 29	0 0 0 0 0 1 0 0	0 0 0 0 0 0 1 0 0	0 0 0 0 0 0 1 0 0	0 0 0 0 0 0 1 0 0	0 0 0 0 0 1 0 0	0 0 0 0 1 0 0 0	0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 1 0 0	0 0 0 1 0 0 0 2 0 0	0002000300	0 1 0 2 0 1 0 2 0 0	0 0 0 0 0 0 0 3 1 0	0 0 0 0 0 1 1 0	0 0 0 0 0 0 0 2 4 0	000000040	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 1 0 0 1 3 0	0 0 1 1 0 0 0 1 0	0 0 1 0 0 0 1 1 0	0 0 1 0 0 0 1 1 0	0 0 1 1 0 0 0 0 0 0 0	0 0 0 1 0 0 0	0 0 0 0 0 1 0 0 0	000000000	0 0 0 0 0 0 1 1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	1	1	1	0	1	0.4

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

POLLUTANI - 5	OLPHUR DIOXIDE		UNITS - U.UT PARTS/MILLI	ON
STATION - NE	NO 77001 PENAGE SUDBURY	AIRSHED		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
MAL	31	0.4	4	17
FEB	29	0.4	5	29
MAR	31	0.6	4	37
APR	25	0.8	3	18
MAY	31	0.6	4	16
JUN	30	0.7	5	20
JUL	31	0.3	1	13
AUG	31	0.3	3	32
SEP	29	0.7	8	47
oct	31	0.5	3	22
NOV	30	0.1	3	20
DEC	31	0.4	2	17
YEAR	360	0.5	8	47

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77001	PENAGE	E SUDBURY AIRSH	ED		
MONTH OO	TO 04 05	ro 10 1	1 TO 14 15 TO	25 26 TO 39	40 &OVER	TOTAL
MAL	710	28	1	2 0	0	741
FEB	675	15	4	1 1	0	696
MAR	709	23	7	4 1	0	744
APR	591	5	1	1 0	0	598
MAY	721	11	0	1 (0	733
JUN	704	7	4	2 (0	717
JUL	736	4	1	0 0	0	741
AUG	732	5	3	1 :	2 0	743
SEP	683	10	1	9 :	1	707
ост	725	13	3	2 (0	743
NOV	710	6	1	1 (0	718
DEC	725	14	2	1 (0	742
YEAR	8421	141	28	25	7 1	8623

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA				FREQUENC		TRATIONS	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
98.2	0	0.0	0.0	0.0	0.0	0.7	1.5	4.6	7.8	47	0.5

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION .	NE.	NO	77009	1	BURWASI	H SUD	BURY	AIRSH	IED					MON	TH - 1	JAN	76						
HOUR DAY	i	2	3	4	5	6	7	В	9	10	1,1	12	13	14	15	16	17	18	19	20	21	22	23	24 1	IEAN
1 2 3 4 5 6 7 8 9	0 1 0 0 0 0 0 0 0 1	0 1 0 0 1 0 0 1	0 0 0 0 0 0 0 1	0 0 0 0 0 1 0 0	0 0 0 0 0 1 0 1	0 0 0 0 1	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 1 0 1 2	0 0 0 0 0 0 0 1	000001000	0 0 0 2 0 0 1 0 1 0	0011000021	00000000	000000000	0 0 1 3 0 0 0 0 0	00040000000	0 0 0 1 0 1 0	0 0 0 0 0 1 0 1 0	0 0 0 1 0 1 0 1 0	0 0 0 0 0 1 0 0 1	0 0 0 0 0 1 0 1 1	000001010	000000000000	0 0 0 1 0 0 0 1 0
11 12 13 14 15 16 17 18 19	0 0 0 1 2 0 2 0 1	0 0 1 2 1 0 1 0 1	0 1 0 3 1 1 0 0	0 0 0 9 0 1 2 3 2 1	0 0 0 1 0 2 2 1 1	0 0 1 0 0 0 2 1 0 1	0 0 0 0 0 0 0	1 0 1 0 0 1 2 0 0	1 1 0 1 0 1 0 0 1	1 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 15 0 0	0 0 0 1 0 0 0 0	0000103000	0 0 0 0 0 0 0	0000050000	0 0 0 0 7 0 0 0 0	0 0 0 0 1 0 0 0	****	0 0 1 0 0 1 4 0	0 0 1 0 0 1 5 3	0 0 1 0 6 0 5 3 1 0	0 0 1 0 10 0 6 2 1	0 0 1 0 7 0 4 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 3 1 0
21 22 23 24 25 26 27 28 29	0 0 0 2 3 0 1 0 1 2	0 0 0 1 4 0 1 0 1 1	0 0 0 1 5 1 1 0	0 0 1 4 1 1 1 1 1 1	0 0 1 3 0 1 1 1 1	0 0 1 1 3 1 1 0 1 1	0 0 1 1 4 0 0 0	1 0 1 1 2 1 1 0 0	1 0 1 1 2 1 1 0 0 1	0 0 1 1 0 0 1	0 0 0 1 0 0 0 1	4 0 **** 1 1 1 0 0 0	3 0 1 0 1 1 0 0 0 0	1 B 1 1 2 0 0	0 19 1 1 0 1 0 0 0	002000000	0 1 1 0 1 0 1	0 0 1 1 0 1 0 5	0 0 1 1 0 1 0 5	0 0 1 0 1 0 1 4	0 0 1 2 0 1 0 5	0 0 1 4 0 1 1 1 0 4	0 0 1 4 0 1 1 1 3	0 0 1 2 0 1 1 1 2 4	0 1 1 1 1 1 0 0
31	4	3	2	3	3	2	2	1	1	2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	1	0	1	1	0	1	1	-1	1	1	0	0	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PCLL	UTANT	· S	ULPHU	R DIO	CIDE							L	NITS	- 0.0	1 PAR	TS/MI	LLIO	N						
	STAT	ION -	NE	NO 7	7009	В	BURWASH	SUD	BURY	AIRSH	IED					MONT	Н - Е	EΒ	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	O 0 1 1 0 0 1 0 1	0 0 1 3 2 1 0 0	0 0 0 2 1 1 0 0 1 1	1 0 1 2 1 1 0 0 1 1	1 1 0 2 1 0 0 0 1 1	1 1 1 0 1 0 0 1 1 1	0 1 0 1 1 0 1 0 0	1 1 0 1 1 1 0 1 1 1	1 0 0 0 1 0 0 0 4 1 1	1 0 1 0 0 0 0 0 4 1 1	0 3 0 4 0 0 1 3 1	0 2 0 4 0 0 1 3 0	0000100211	0000000000	4000000000	N000000000	0 0 1 2 0 0 0 0 1 0	0 0 1 4 0 0 0 0 2 1	000000011	0002000021	0 0 1 1 0 0 0 0 2 1	0 0 1 1 0 0 0	0 0 0 0 0 0 1 1 2	0 0 1 2 0 0 0 1 5	1 0 0 2 0 0 0 1 1
11 12 13 14 15 16 17 18 19	5 1 0 0 0 1 1 1 0 0	1 2 0 1 0 0 1 2 0 0	3 1 1 0 0 1 1 1 3	2 1 0 1 0 1 1 1 1 3	3 0 1 1 0 1 1 0 2	3 1 1 1 2 1 0 0 2	2 1 0 1 2 2 0 0 0 2	1 1 0 2 2 2 1 0 0	1 0 0 1 2 1 0	1 0 3 1 1 1 1 0 0	1 0 9 1 1 4 1 2 0	0 0 3 5 1 1 1 - 2 0	0 0 0 1 1 1 0 1 0	0 1 0 1 1 1 0 0 0	5 1 0 0 1 1 1 0 1 0	1 1 0 1 1 0 0	1 1 0 1 1 0 0 0 0	1 1 0 0 0	0 1 1 0 3 1 2 1	1 1 0 1 5 1 2 0 0 0	1 1 1 1 4 1 0 0	0 1 0 2 2 1 2 0 0 0	1 1 0 1 1 0 2 0 0	1 1 0 0 0 1 1 0 0 0 0	1 1 1 1 1 1 0 0
21 22 23 24 25 26 27 28 29	0 0 0 0 0 1 1 0 0	0 0 0 0 1 1 0 0	0 0 1 0 0 1 1 0 0	0 0 0 0 1 0 0 0	0 0 1 0 0 0 1 0	0 0 1 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 6 0 0 1 1 0 0 0	0 12 0 0 0 1 0	1 8 0 0 0 0 0 0	0 10 1 0 0 0 7 0	0 11 0 0 0 0 0 0	1 6 0 0 1 0 0 4 0	0 5 0 1 0 4 19 0	1 3 0 0 1 0 2 10	0 1 0 0 1 1 4 5 0	0 0 0 1 1 7 6 0	1 0 0 0 1 1 0 1 0	1 0 0 1 1 0 1 13	0 0 0 0 1 0 1 1	0 0 0 0 0 1 0	0 4 0 0 0 1 0	0 0 0 0 0 1 0	0 0 0 1 0 0 1 0	0 3 0 0 0 1 1 2
MEAN	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0.8

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

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POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

	STA	TION -	NE	NO	77009	8	URWASH	SUD	BURY	AIRSH	ED					MONT	H - N	IAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 2 0 0 1 0	0000000000	0 0 0 1 0 2 0 2 1 0	0 0 0 2 0 2 0 2 0 1	0 0 0 2 1 1 0 2 0 1	0 0 0 5 1 1 0 3 0 1	0 0 0 4 1 1 0 3 0 1	0003010000	0003200001	0002100000	000000001	0001000000	0000000000	0000000000	000000000	1000000000	0000000000	0000000000	00000000000	0000600000	0 0 0 0 0 0 0 0 0	0 0 1 0 31 0 3 0	0000805100	0 0 0 0 0 0 0 1	0 0 0 1 3 1 0 0 0
11 12 13 14 15 16 17 18 19	2 1 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0	3 2 0 0 0 0 0 0 0 0 0	4 2 0 0 0 0 0 0 0 0 0 0	3 1 0 0 0	1 0 1 0 0 0 0 0 0	1 0 0 1 0 0 0 0 0 0	20000-0000	10000	1 0 13 0 3 - 0 0 0 0	16 0 8 0 0	11 0 5 0 0 3 0	8040000000	1040105000	0000400000	0000500000	10 0 0 0 6 4 0 0 0 0	35 0 0 5 1 0 0	21 0 0 5 0 0	0 0 1 0 0 0 0 0	1 0 1 0 3 0 0 0 0 0	2 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0	5 0 2 0 2 0 2
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 0	0000000000	000000000	0000000000	000000000000000000000000000000000000000	000000000	0000000000	000000000	0000000000	1 0 0 0 0 0 0 0 0	0000000000	000000400	000000000000000000000000000000000000000	2 1 0 0 0 0 7 0 0	0 0 0 0 2 6 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0100004500	0000001200	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000	000000000	0 0 0 0 1 2 0 0
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0 2	0	0	0	0	1	0	0 0.7

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.6

- NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. .. INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- s	ULPH	UR DIC	XIDE							U	NITS	- 0.0)1 PA	RTS/MI	LLION	¥.						
	STA	TION -	NE	NO	77009	I	BURWAS	SH SUI	DBURY	AIRSH	ED					MON	TH - #	PR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 1 0 0 2 1 2 0 0	0 0 1 0 0 1 1 5	0 0 3 0 0 1 1 9 1 0	0 0 9 0 1 0 1 0 0	0 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 1 0 4 0 0	4 B 1 0 0 1 2 2 0	2 4 7 0 0 1 4	1 7 1 0 0 5 2	100000000000000000000000000000000000000	0 24 0 0 0 5 2 1 0 0	0 28 0 7 0 2 2 0 0 0	0 37 0 5 0 6 4 0 0	0 25 0 0 8 1 1	0 0 0 7 4 0 0 0	00000000000	0 0 0 0 0 1	000012000	0 0 0 0 0 1 0 0 0 0	0000010000	0 1 0 0 0 1 1 0 0 0	0 1 0 0 0 1 7 0 0 0	0 2 0 0 0 1 3 0 0	0 0 0 0 1 0 0	0 7 1 1 0 2 2 2 0 0
11 12 13 14 15 16 17 18 19	0000100000	3 0 0 0 0 0 0 0 0 0 0 0	1 0 0 1 1 0 0 0 0 0	1 0 0 0 1 0 0 0 0 0	000000000000000000000000000000000000000	1000000000	00000000	1 0 0 1 0 0 0 0 0 0	1000000000	0 0 0 0 0 0 0 0 0	0000000000	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	000000000	0000000000	000000000	0000000000	000000000	000000000	00000000	000000000000000000000000000000000000000	000000005
21 22 23 24 25 26 27 28 29 30	001000000000000000000000000000000000000	0 0 1 1 0 0 0 1 0	0 0 1 0 0 0 1 0	0 0 1 1 0 0 0 1 0	0 0 2 1 0 0 0 0 1 0	0 0 7 1 0 0 0 0 0	0 0 5 1 0 0 0 0 0	0040000000	0090000000	0 0 4 0 0 0 0 0 1 0	0 23 0 0 0	0 34 0 0 4 0 7	0 24 0 1 2 1 0 7	0 0 24 0 1 3 2 0	0 0 1 0 1 2 3 0 0	0 0 1 0 1 1 0 0 0 0	0000000000	0 0 1 4 0 0 0 0 1 1 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000100	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 7 0 0 1 0 0 2 0
MEAN	0	1	1	1	1	1	1	1	1	1	2	3	4	4	2	1	1	1	0	0	0	0	0	0	1.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. . INDICATES DATA IS UNAVAILABLE
 - 3. " --- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	· NE	NO 7	77009	8	BURWAS	H SUD	BURY	AIRSH	IED					MON	TH - 1	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 5 0 0 0	0 0 2 1 0 1 0 0 0 0	0 0 2 0 1 0 0 0	0 0 0 1 0 0 0 0	0 0 2 1 0 0 0 0 0	0 0 3 0 0 1 0 2 0 0	0 0 1 0 0 1 0 3 0 0	0 0 1 0 0 0 0 2	0 0 3 0 0 0 0 1 0 0	000000000000000000000000000000000000000	0 0 16 0 0 0 0 0 0 0 0	000000000	000000000	0 0 0 0 0 0 0 1 9	0 0 0 0 0 0 12 0	000000000000000000000000000000000000000	0 0 0 0 0 0 1 0 0	0 0 0 0 0 1 1 0 0	000000000	001000000	0030102000	0 0 0 0 7 0 1 0 0 0	0 0 0 0 11 0 0 0 0	0 0 0 0 1 0 0 0 0 0	0 0 2 0 1 0 0 1 2 0
11 12 13 14 15 16 17 18 19	0 2 0 1 0 0 0 0 0 0	1201000102	0 1 0 0 0 0 0 2	0 1 0 0 0 0 4 0 1	00000000000	0000100000	1 0 0 0 1 0 0 0 0 0 0 0	5 2 0 0 1 0 0 0 0 0	0300101500	1 26 0 0 0 0 6 2 0	1000003500	0000000000	3000003107	3 0 0 0 0 7 1 0 6	3000003103	20000002109	100000000000000000000000000000000000000	2000000000	0000000000	0 0 0 0 0 0 0 0 1	0 0 1 0 0 0 0 0 0 1	0 0 0 0 0 1 0 2	0 0 1 0 0 0 1 2	000005000	1 2 0 0 0 0 1 1 0 2
21 22 23 24 25 26 27 28 29 30	0 0 6 3 0 1 0 3 3 0	0 0 7 14 0 1 0 2 2 0	0 0 6 2 0 1 0 1 2 0	0 0 1 11 0 1 0 3	0 0 1 10 0 1 0 2 3	1 0 5 6 0 0 0 3 1 0	1 0 3 8 0 1 0 1 1	0 0 3 1 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0	0 0 1 0 0 0 3 0 0	0 1 2 0 0 0 1 0 0 0	0 0 1 0 0 0 0 0 0	0 0 3 0 0 1 1 0 0 0	0 0 4 0 - 6 0 0 0 0	1 10 3 0 0 12 0 0	0 11 1 0 0 17 0	1 0 0 0 17 0 0	1 2 1 0 7 0 0 0	0 0 0 0 0 0	0 0 1 0 0 0 1 0 0	040000100	0 9 3 0 1 1 0 4 0 1	0 5 3 0 1 0 0 1	0 11 21 0 1 0 0 2 1 3	0 2 3 2 0 3 0 1 1 0
31	3	2	4	4	4	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	1	2	1	1	1	1	1	1	0	1	1	1	1	3	2	1	1	0	0	٥	0	1	1	2	0.9

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- 5	ULPH	UR DI	OXIDE								UNITS	- o.	01 PA	RTS/M	ILLIO	N							
	ST	TION -	NE	NO	77009)	BURWA	SH SU	JDBURY	AIRS	HED					MON	тн -	אטנ	76							
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 0 0 3 3 0 2 2 1	0 2 2 2 1 2 0 0	0 0 2 - 4 3 1 2 0 0	0 0 2 - 2 3 3 3 0 0	0 0 1 3 3 2 3 1 0	0 0 2 - 2 2 2 1 1 0	0 0 1 . 2 0 2 1 1 0	0 0 1 - 1 0 2 0 1 0	0 0 1 1 0 0 0	00-+0000	00089000	0 0 0 7 **** 0 0 0	0 0 0 0 0	0 2 - 1 0 6 1 0	0 1 - 1 0 8 1 0 0 0	2031000	2031000	2001000	0 1 3 0 0 1 0	0 0 - 3 0 0 1 0	0 0 - 4 1 1 3 0	0 0 2 2 1 2 1 0	0 0 2 3 1 1 1 0 0	0 0 2 2 2 1 2 0	0 0 ****** 1 3 1 1 0 0	E E
11 12 13 14 15 16 17 18 19	**** 1 2 3 2 1	1 2 3 2 1	0 1 1 1 4 1 2	0 0 3 1 2	**** **** 0 0 3 0 2	**** 0 0 1 0 2	**** **** 0 0 1 0 1		****		****		DATA	INVAL INVAL INVAL INVAL INVAL INVAL INVAL	ID -	2 0 5 1 0 0	2 0 6 1 0 0	3 0 3 1 0	1 0 3 1 0 0	**** 0 2 1 0 0	**** 0 2 2 0 2	****	0 2 2 2 1 2	1 2 2 2 1 3	1	
21 22 23 24 25 26 27 28 29 30	0 2 1 2 1 2 2 0 0	0 3 1 1 1 0 1 0 0 1 1	1 1 0 2 1 2 1 1 1	2 2 1 1 1 0 1 0 2 2	2 3 1 1 3 1 2 0 2	2 1 2 1 0 0 1 1 0	2 2 0 1 0 1 0 0 0 1	2 0 1 2 0 1 1 1 1 1 1	1 1 0 2 2 0 1 2 2	1 1 2 2 1 0 2 1	8 1 1 2 2 1 8 2 0	2 1 2 0 2 1 1 1 1	0 1 2 2 1 1 2 0 2 1	0 1 1 1 2 2 1 1 1 1	0 2 2 2 2 2 1 0 1	0 2 2 2 1 1 1 1 1	0 2 3 2 0 1 1 0 0 1	0 2 2 2 1 0 1 0	0 1 2 2 1 1 2 1 0 0	2 3 2 0 2 1 0 1	2 3 3 1 2 2 0 2	3 2 3 3 0 1 1 0 2	4 2 4 3 1 1 1 0 2	3 2 2 2 1 0 1 1 1 2	2 2 2 1 1 1 1	2
MEAN	1	1	1	1	1	1.	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1	È

PERCENTAGE OF DATA VALID - 81.0 PERCENTAGE OF DATA INVALID - 15.0

PERCENTAGE OF DATA UNAVAILABLE - 4.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	NE	NO	77009	E	BURWASH	SUD	BURY	AIRSH	ED					MON	rH	JUL	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	AN
1 2 3 4 5 6 7 8 9	1 1 2 2 0 1 2 2 3 0	0 1 4 3 1 1 1 1 2	1 9 6 1 2 2 1 0	1 7 2 1 2 2 2 1 1	0 1 1 1 1 3 1 1 1 1 1	1 3 2 0 2 3 3 3 0 0	2 5 1 0 0 1 1 3 0 2	2512001500	1 4 2 2 2 1 1 1 1 1	1 1 2 2 1 2 1 1 3 1	1 3 1 7 2 2 2 1 2 0	2 2 1 5 1 1 0 0 2 0	9521121141	8 8 1 1 1 2 2 1	5 4 1 2 3 1 1 2 1	3 1 1 3 1 1	2 1 2 1 3 2 2 1 1 1 1	4 1 2 2 4 2 2 1 1	2 1 2 2 3 2 1 1	1 11 2 3 5 3 7 1 0 2	1 5 2 3 7 1 1 6 0	1 1 2 6 2 1 7	1 1 0 1 4 2 2 0 1 1	2 2 2 0 3 2 1 3 2 1	2 2 2 2 2 1 1
11 12 13 14 15 16 17 18 19	2 0 1 0 1 2 1 0 0 1	1 0 0 0 0 0 1 1 0	1 0 0 0 1 0 0 1 1 0 0	1 0 0 0 1 0 0 0	1 1 1 1 1 1 0 0	0 1 1 1 0 0 1 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 1 0 0 0 0	0 0 0 1 1 2 0 0 0 1	1 0 0 1 1 0 0 0 1	24 1 1 1 1 0 1 0	4 1 0 0 1 0 0 0 0	3 1 1 2 1 1 1 0	1 0 1 2 1 0 1 0	1 0 1 3 2 7 0 0	12 1 0 3 2 6 0 1 0	0 1 1 2 2 4 0 0 1 8	1 1 0 3 1 8 0 1 0 3	1 0 1 3 1 11 1 0 0	0 1 1 0 0 0 0 0	0 1 1 1 0 0 1 0	0 1 1 0 1 1 1 1 0	0 0 1 2 1 1 1 1 0	0 0 0 0 1 0 0 1	2 0 1 1 1 2 0 0 0 1
21 22 23 24 25 26 27 28 29 30	1 0 1 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0	000000000	000000000	0 0 0 0 0	1000000000001	000000000000000000000000000000000000000	0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0	1 0 0 1 5 0 0 0	0 0 0 0 0 0 0	000020000	1020	0 0 1 0 8 1 6 0	0 0 1 1 2 0 14 0 0 0	0010004000	000005000	0100000000	0 0 1 0 0 0 0 0	1000000000	1 1 0 0 0 0 0 0 0 0 1 0	1 0 0 0 1 0 0 1 0	0 1 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1	0 0 0 1 0 0 0 0
31 Mean	0	0	0	0	0	0	0	0	0	0	0 2	0	0 2	0 2	0 2	0	0	1	0	0	0	1	0	0	1.0

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	LUTANT	- s	ULPH	UR D10	XIDE							U	NITS	- 0.0	1 PAR	TS/MI	LLION	1						
	STA	TION -	NE	NO	77009	E	BURWASH	SUDE	BURY	AIRSH	ED					MONT	тн - д	UG	76						
HOUR DAY	t	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 0 0 0 2 0 0 1 0	1 0 0 0 1 1 1 0 1 1	1 0 0 0 1 1 1 1 1 1	0 0 0 0 0 1 1 2	1 0 0 0 0 1 0 0 1 2	1 2 0 0 0 2 1 0 1 3	1 1 0 0 0 0 0 0 1 0	1 0 0 0 0 0 0 0 0 1	4 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 1 0 0	3 16 0 0 1 0 0	15800020001	3 0 0 0 0 2 0 1 0 1	2000010200	1 0 0 0 0 1 0 4 1 1	0 0 0 3 1 0 3 0 0	0 0 0 0 0 1 0 2 1 0	0 0 0 0 1 0 0 1 0	0 0 0 0 1 0 0 0	0 0 0 5 3 1 1 1	0 0 0 3 2 1 1 0	0 0 0 7 1 1 1 1 0	0 0 0 6 1 1 1 0	1 0 0 0 3 1 1 1 1 0	2 1 0 0 1 1 0 1 1 1
11 12 13 14 15 16 17 18 19	1000001010	0 0 0 0 0 1 1 0 0	0 0 1 0 0 1 1 1 0	0 0 0 0 0 0 1 1 0	0 0 0 0 1 1 1 0	0 0 1 0 0 0 1 2 0 0	0 0 0 0 0 1 1 0 0	0 0 0 0 3 0 0 1 0 0	0000000000	0 0 0 0 0 0	0000010000	0 0 0 0 0 0 0 0	0 0 0 0 13 0 0 0	0 3 1 0 0 17 0 0	0 0 0 0 15 4 0	0 0 0 0 4 12 12 0 0	0 0 0 10 13 0 0	0 0 0 0 1 8 0 0 0	0 0 0 0 1 0 0 0 0	0 1 0 0 0 1 0 0 0	0000012000	0 1 0 0 0 1 1 1 0	0 1 0 0 0 1 1 0 0 0	0100020100	000032000
21 22 23 24 25 26 27 28 29	0 1 0 0 0 0 0 0 0	010000000	0 0 0 0 0 1 0 0 0 0	1 0 0 0 1 0 0 12 0	0 1 0 0 0 1 0 0 0 1 0	1 1 0 0 0 0 1 0 0	1 0 0 0 1 0 0	0000000000	0000000000	000000000	0000000000	0000000000	0 0 0 0 0 0 0 13	00000000007	0 0 0 0 0 0 0 2 1	0000000000	000000090	000000010	0 0 0 0 0 1 0	0 0 0 0 0 0 1 1	0 1 0 0 0 2 1	0 0 0 1 0 0 0 1 3 0	0 1 0 1 0 0 0 15	0 0 1 0 0 0 1 0	000000000000000000000000000000000000000
31 MEAN	1 0	0	1	0	1	1	1 O	0	0	0	0	0	1	1	1	1	0	1 0	1	1	0	1	1	1	0.6

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- ... INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- NE	NO	77009		BURWASI	H SUI	DBURY	AIRSH	ED					MONT	гн - :	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 5 0 0 2 0 1 0 0	0 1 0 0 0 0 0 0 1 1 0 0	0 0 1 0 0 0	0 1 0 0 0 0 0 0 0 0 0	0 0 0 **** 0 0 0 0 0	0 0 0 0 0 1 1 1	0 0 1 0 0 1	0 0 0 0 0 0 0 1	0 0 0 0 1 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0 1 0	0 0 0 0 0 1 1 0 0	1 0 0 0 0 1 1 1 0	1 0 1 0 0 0 0 2 1 2	3 0 1 0 0 0 1 0 0	0 0 1 0 0 1 0 0	1 0 0 0 0 0 0 0	0 0 1 0 0 0 1	0 0 1 0 0 0 0 7 0	0 0 0 1 0 0 0 1	0000000000	1 0 0 0 0 1 0 0	5 0 1 3 0 0 1 0 0	5 0 0 0 0 1 1 0 0	1 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	**** 0 0 0 0 0 0 2 0 0 0	0 0 0 0 0 0 2 1 0 0	0 0 0 0 0 0 0 0 0	000001000	0 0 0 0 0 0 0 0 0	0000000000	000000100	0 3 0 0 0 0 0 0 0	0 7 1 0 0 0 0 0 0 0	000000000	0 0 1 0 0 1 3 1 0	0 1 1 0 0 0 1 3 0 0	4 1 1 1 0 2 2 5 0 0	12 0 0 0 0 3 1 1 2	11 0 0 0 0 4 0 1 1	8 0 1 0 1 4 0 0 2 0	7 1 0 0 5 3 9 1 0	0 1 1 0 5 2 13 0	0 0 0 0 7 2 2 0	0 0 1 0 0 6 1 1 0 0	0 0 0 0 6 1 0 0 0	0 0 0 0 8 1 0 0 0	0 0 0 0 5 1 0	0 1 0 0 0 0 0 0 0 0 0	2 1 0 0 0 2 1 2 0 0
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 0	0000000000	000000000	0000000000	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1	000000000	0 1 0 0 6 0 2 0 0 0	0 0 1 0 4 0 3 0 0 0	1200304000	0 1 0 0 1 0 2 0 0	2 1 0 0 0 0 1 **** 0 0	1 3 0 0 0 0 1 0 0 0	1 9 0 0 1 0 0	0 19 0 0 1 0 2 0 0	0 17 0 0 8 0 4 0	0 2 0 0 6 0 6 1 2 1	3 0 0 10 0 2 0 5 0	2 0 0 0 9 0 0 0 0 0	2000600010	1 0 0 0 0 0 0 0 0	1 0 0 0 2 0 1 0 0 0	1 0 0 0 1 0 0 0	0 0 0 0 1 0 0 0 0	1 2 0 0 3 0 1 0 0
MEAN	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	2	2	2	1	1	0	1	1	0	0.6

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- " INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAI	ION	- NE	NO	77009		BURWASH	SUD	BURY	AIRSH	HED					MONT	rH - C	ост	76
UR Y	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1

H)	DUR AY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
	2 3 4 5 6 7 8	1000000112	000000000	0 0 0 0 0 1 1 0	0 0 0 0 0 1 1 1 1	0 0 0 0 1 1 1 0 0	0 0 0 0 1 0 0	0 0 0 0 0 5 0 1 0 0	0 0 0 * 1 1 0 0 0	0 0 1 *** 3 4 0 0 0 0	0 0 0 1 0 0 0	0 1 0 0 1 0 4 0 0 0	0 0 0 1 0 0 1	0 1 **** 0 1 0 0 3 0	0 2 0 0 1 0 0 9 0 0	1 6 0 1 0 0 6 0 8	0 4 0 1 0 0 1 0	0 2 0 0 1 0 0 0 1 6	1 2 0 0 1 1 1 0 0 12	0 1 0 0 0 0 0 1	0 0 0 0 1 3 0 1 2 0	0 0 0 0 1 0 1 1 0 1	0 0 0 0 0 1 0 1	0 0 0 0 0 2 0 1 1 1	0 0 0 0 1 9 0 1 2	0 1 0 0 1 1 1 1 0 2
1: 1: 1: 1: 1: 1: 1: 1: 2:	2 3 4 5 6 7 8	1 1 0 0 0 0	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 0 0 1 0 0	0 0 1 0 0 0 1 0 0	1 0 0 0 0 0 1 0 0	0 1 0 0 0 0 0 1 0	1 0 0 0 1 0 0 0	0 0 0 1 0 0 0 1 0 0	0000000000	0 1 0 4 0 0 0 1 0 0	0 2 0 7 0 0 0 10 0 0	0 1 0 1 0 13 3 11	0 1 0 0 0 10 2 3	0 1 0 0 0 26 0 1 0	0 1 0 0 0 15 0 6 0	0 1 0 0 0 8 5 0 0 0	0 1 0 0 0 0 1 0 0	0 2 0 0 0 0 1 1 0	000000011	0 1 0 0 0 0 0 0 0 0	0 1 1 0 0 0 0 0 0 1	0 0 7 0 0 0 1 0 0	0 0 0 0 0 0 1 0 1	0 1 1 1 0 3 0 2 0
2: 2: 2: 2: 2: 2: 2: 3:	2 3 4 5 6 7 8 9	0000000000	000000000	0000000000	0 0 0 0 0 0 0 0	2000000000	2 0 0 0 0 0 1 0 0 0	00000000000	0 0 0 0 9 1 0 0 0	0000031000	00000000000	0000000000	000000000	0 0 0 0 1 0 0 0	0 0 0 0 7 0 6	0 0 0 0 1 0 0 0	00005000	0000000	0000000000	0000000000	0000010000	0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0	3 0 0 0 0 0 0 1 0 1 0 0	0 0 0 0 0 1 1 0 0
3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
ME	AN	0	٥	0	0	0	0	0	4	0	0	0	1	1	1	2	1	1	1	0	0	0	0	0	1	0.6

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- NE	NO	77009		BURWASI	suc	BURY	AIRSH	ED					MON	TH - M	104	76						
HOUR	1	2	3	4	15	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	AN
1 2 3 4 5 6 7 8	0 0 0 0 0 0 1	010000000	1 1 0 0 0 0 0 0	1 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	1 0 0 0 0	1 0 0 0 0 0	0 0 1 0 0 0 0 0	0010000000	1 0 0 0 0 0 0 0 0 0	17 0 0 0 0 0 0	0 0 0 1 0 0 1 0	60000000	36 0 0 0 0 0 0	5 0 0 1 0 19 0	0 0 0 0 0 1 17 0	0 0 0 1 0 0 1 0	00000000	0 0 1 0 0 0 0	0 1 0 0 1 0 0 1 0	100000000	0 0 0 1 0 0 0	1 0 0 0 0 0 0 0	1 0 1 0 0 0 0 0 0 0 0 0	3 0 0 0 0 0 0
10 11 12 13 14 15 16 17 18 19 20	500000000000000000000000000000000000000	9 0 0 0 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0	0 1 8 0 0 0 0 0 0	19 00 00 00 00 00 00 00 00 00 00 00 00 00	0 1 12 0 0 0 1 0 0 0	0 100001000	9 0 0 0 0 0 0	1500000000	0 0 1 0 0 0 0 0 3 0 0	14	8 020000000	17 1 0 0 0 0 0 0 0	0 39 17 0 0 0 0	5 9 0 0 0 0 0 0 0	27 0 4 0 0 0 0 0	36	0 1 0 0 0 0 0 0 0 0 0 0	0 0000000000000000000000000000000000000	0 0000000000	0 0000000000000000000000000000000000000	0 1 0 0 0 0 0 0 4 0	0 2000000000000000000000000000000000000	0 3000000000	4 3 6 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0000200001	0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 1 1 0 2 0 1	0 0 0 1 2 0 1 0 0	1 0 0 1 1 0 2 0	2 0 0 1 1 0 6 0 0 0	600005000	000000000000000000000000000000000000000	0 0 0 0 1 3 0 0 0	0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0	0 0 0 1 0 2 1 0 0 0	0 0 0 2 0 4 0 0 0 1	0 0 0 1 0 3 0 0 0 0	0000000000	0000040010	000000000000000000000000000000000000000	000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 0 0 0

PERCENTAGE OF DATA VALID - 99.9

MEAN

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE STATION . NE NO 77009 BURWASH SUDBURY AIRSHED MONTH - DEC 24 MEAN HOUR DAY 0 0 1 1 0 0 1 1 0 0 0 0 0 1 0 1 7 0 1 0 1000002012 0000001213 00000-0000 0 1 0 1 0 0 0 18 00000-0.7

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77009 BURWASH	SUDBURY AIRSHED		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
NAU	31	0.7	3	19
FEB	29	0.8	3	19
MAR	30	0,7	5	40
APR	30	1.0	7	38
MAY	31	0.9	3	26
JUN	23	1.1	3	8
JUL	31	1.0	3	24
AUG	31	0.6	3	17
SEP	30	0.6	3	19
OCT	31	0.6	3	26
NOV	30	0.8	6	50
DEC	31	0.7	3	25
YEAR	358	0.8	7	50

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77009	BURWASH SU	IDBURY AIRS	HED			
MONTH OO	TO 04 05 TO	10 11 70	14 15 TO	25 26 TO	39 40 80V	ER TOTAL	
JAN	724	16	0	2	0	0 742	
FEB	675	16	3	1	0	0 695	
MAR	702	21	4	2	2	1 732	
APR	675	25	2	6	6	0 714	
MAY	703	27	8	4	1	0 743	
JUN	573	10	0	0	0	0 583	
JUL.	709	28	4	2	0	0 743	
AUG	723	9	7	5	0	0 744	
SEP	685	25	3	2	0	0 715	
OCT	716	19	3	Ä	1	0 740	
NOV	692	14	2	6	4	1 719	
DEC	723	13	3	5	0	0 744	
YEAR	8300	223	39	36	14	2 8614	

FREQUENCY DISTRIBUTION BY PERCENTILES
PERCENT
OF DATA
VALID MIN 10 CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT
50 70 90 95 ARITH MEAN 10 30 95 50 90 98 99 MAX 98.1 0 0.0 0.0 0.0 0.1 1.5 2.9 6.8 10.4 50 0.8

	STA	TION -	NE	NO	77010		CALLUM	SUDB	URY	AIRSHE	ED					MONT	гн - ,	JAN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 1 1 1 0 1 1	0 0 0 0 1 1 0 2 1	0 0 0 0 1 1 0 3 1	0 0 0 0 1 1 0 2 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 1 0 3 2 0	0 1 0 0 0 1 0 6 0 0	0 1 0 0 0 1 0 5 0 1	0 1 0 0 0 1 0 4 0 1	0 1 0 0 1 0 4 0 0	0 0 2 0 0 1 0 2 0 0	000010200	0 0 0 0 0 1 0 2 13 21	0 0 0 0 1 0 2 8	0 0 0 0 1 0 2 6 23	0 0 0 0 1 0 1 0 9	0 0 0 0 1 0 1 1 2	1 0 0 0 0 1 0 2 1 3	0 0 0 0 1 1 3 1	0 0 1 0 0 1 1 2 0 2	0 0 0 0 1 0 2 0 1	0 0 0 0 1 1 0 1 0 1	0 0 0 1 1 0 1 0 2	0 1 0 1 0 1	0 0 0 0 1 0 2 2 4
11 12 13 14 15 16 17 18 19	2 1 2 0 0 2 2 2 2 4	1 1 2 0 0 0 2 2 2 2 4	1 1 2 0 0 2 2 2 2 4	1 1 2 0 0 1 2 2 2 4	1 1 2 2 0 1 2 2 3	3 1 3 4 0 1 2 2 3 4	4 1 2 2 2 1 2 2 2 4	3 1 2 4 5 1 2 2 2	3 1 2 3 3 1 2 1 2 2	2 1 2 0 1 1 2 1 2 2	2 2 1 0 5 1 2 3 2 1	2 1 0 0 3 2 3 2 2	1 0 1 0 9 2 2 2 3 3	1 0 1 3 9 2 2 2 3 18	1 0 1 0 4 2 2 2 3	1 0 1 3 3 2 2 2 3 10	2 0 1 1 3 3 2 2 3 1	2 1 1 2 3 2 2 2 3 2	2 1 1 3 2 2 2 3 1	1 1 0 3 3 2 2 4 2	1 2 0 3 3 2 2 4 2	1 1 2 0 5 2 2 2 4 3	1 1 2 1 3 2 2 2 4 2	1 1 0 0 3 2 2 2 4 2	2 1 2 1 3 2 2 2 3 4
21 22 23 24 25 26 27 28 29 30	3 2 3 2 3 5 4 5	2 2 3 3 5 4 5 3	2 2 3 3 2 3 5 2 4 3	2 2 2 3 2 3 5 3 3 3	2 3 2 3 5 3 4	2 2 3 2 2 3 4 3 3 2	2 2 3 2 1 3 4 4 2 2 2	2 2 3 2 2 3 3 3 3 3	2 2 4 2 2 3 4 4 2 3	2 3 3 2 3 5 4 2 3	2 2 3 3 3 5 4 3 3	2 3 3 5 4 3 3 3	2 2 3 3 3 5 4 3 3 4	2 2 3 3 5 4 3 3 4	2 3 3 4 4 4 3 3 3 3	2333445433	2 3 3 4 4 3 4 3 3	2332545434	2 3 3 2 5 4 12 4 3	2 3 3 2 5 3 1 1 4 3	2 3 3 3 7 4 3	2 3 1 3 3 4 4 3	2 3 3 3 4 5 3 4	2 3 3 3 4 5 3	223335433
31 Mean	3 2	3 2	3 2	3		3 2	3 2	3 2	3 2	3 2	3 2	3 2	3	3 4	3 3	3 2	3 2	3 2	3 2	3 2	3 2	3 2	3 2	3 2	3 2.1

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "- " INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- s	ULPH	UR DIO	XIDE							U	NITS	- 0.0	1 PAR	TS/MI	LLION	i						
	STA	TION -	NE	NO	77010	-	CALLUM	SUDBU	IRY	AIRSHE	۵					MONT	н - г	EВ	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	3 2 2 4 3 3 3 3 3 2 3	3 2 2 4 3 3 3 3 2 3	3 2 2 4 3 3 4 3 3 3	3 2 4 3 3 3 3 4	4 2 2 4 3 3 3 3 3 3	4 2 4 3 3 3 14 3	4 2 2 4 3 3 4 22 4 3	4 3 2 4 3 4 3 2 4 3	4 3 2 2 3 4 3 2 4 4 4	4 3 2 2 3 4 3 2 3 4	3 3 2 2 3 2 2 3 4	3432232234	3 11 3 16 4 4 3 2 3	3 3 3 2 4 3 3 2 3 3	3 2 3 4 4 3 3 2 2 3	3 2 3 3 4 3 3 2 2 2	3 2 3 3 3 3 2 2 2 2	3 2 3 3 3 2 2 3 2	3 3 3 3 3 3 3 3 3 3 3 3 3	4 3 3 3 3 3 3 3 3 3 3 3 3 3	4 3 3 3 3 3 3 2 3 2	4 4 3 2 3 3 3 2 3 2	3 3 3 2 2 3 3 3 3 2	2 3 3 2 2 2 3 3 3 2 2	3 3 4 3 3 4 3 3
11 12 13 14 15 16 17 18 19	2 2 0 3 1 0 0 0 0 0	2 2 0 0 0 0 0 0 0 0 0 0 0 0	2200000000	3 0 0 0 0 0 0 0	000000000000000000000000000000000000000	2 200000000	300000000000000000000000000000000000000	2 3 10 0 0 0 0 0 0 0	2 2 13 0 0 1 0 0 0 0	2 2 0 0 0 0 0 0 0	20000030	1 200000000	100000000000000000000000000000000000000	1 0 7 0 0 0	105600000	1022000000	100010000	1 0 0 0 0 0 0 0	0 0 0 0 0 0 1	1000000000	0 0 0 0 1 0 0 1	NO 0 0 0 0 0 0 0	200000000	NON000000	2 1 2 1 0 0 0 0
21 22 23 24 25 26 27 28 29	000000000	000000000	000000000	0 0 0 0 0 0	0000000	0 0 0 0 0 1 0 0	000000000	00000000	0 0 1 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0	1 0 3 0 0 0 0 0 0	4 0 7 0 0 0 0	0 0 0 0 0 1	000000000	0 0 0 0 0 0 1 9 0	00000050	000000000	00000050	0000050	00000060	0 0 0 1 1 0 3 0	0 0 0 1 0 1 0	0 0 0 1 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - .. INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	NE	NO :	77010	(CALLUM	SUDB	URY	AIRSHE	D					MON	TH - 1	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 1 0 0	00000000000	000000000	0 0 0 0 0 0 1 0 0	000000000000000000000000000000000000000	000001000	0 0 0 0 0 1 0 0 0	0 0 0 0 0 1 0 0 0	000000000	0000050000	0 0 0 0 0 4 0 2 0 0	0000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 17 0	0000006600	0000004000	0000000000	0 0 0 0 0 0 12 0 0 0	000000000	000000000	000000000	0000000000	0000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 1 2 2
11 12 13 14 15 16 17 18 19	030000000	030000000	030000000	040000000	0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 3 0 0 0 0 0 13 0	00000000000	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	010000000000000000000000000000000000000	0 0 0 0 0 1 0	0 1 0 0 0 0 0 0 0 0	0100000000	0000000000	1 0 0 0 0 0 3 0 0 0	16 0 0 0 1 1 0 0 0	60000000000	17 0 0 0 2 0 13 0	31 0 0 1 2 0 2 0 0 0	32 0 0 0 0 0 0 0	30 0 0 8 0 1 0 0	11 0 0 0 9 0 1 0 0 0	9000600000	4 0 0 0 4 0 0 0 0	4 0 0 0 0 0 0 0 0 0 0	7 1 0 2 0 2 0 2 0 2
21 22 23 24 25 26 27 28 29	000000000	000000000	000000000	000000000	000000000	000000000	0000000000	0 1 0 0 0 0 0 0 0 0	0000000000	0000000000	0400000000	0400300000	0600000000	000000000	0 0 0 0 0 0 0 0	0000000000	0000000000	000000100	000000000000000000000000000000000000000	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 1 0 0	000000000000000000000000000000000000000	0 1 0 0 0 0 0 0
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 2	0	0	0	0	0	0	0.6

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO 7	77010	(CALLUM	SUDB	URY	AIRSHE	D					MONT	гн - д	PR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MI	EAN
1 2 3 4 5 6 7 8 9	0000000000	0 0 0 0 0 0 0 1 0	0 1 0 0 0 0 0 0 1 0	0 1 0 0 0 0 0 1 0	0 3 0 0 0 0 0 0 1 0	0 3 0 0 0 0 0 0 0 1 0	0 4 0 0 1 0 0 0 2	0500100020	0 5 0 0 0 0 0 0	0 8 0 0 0 0 0 0 0 0 0 0 1	0 0 0 0 0 1	0 28 0 0 0 0 0 0 4	0000000000	090000000	0 19 0 0 4 0 0 0 0	0400000000	0 1 4 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0100000000	0 1 0 0 0 0 0 0	00000000000	0 0 0 0 0 0 0 0 0	060010000
11 12 13 14 15 16 17 18 19	0 0 1 2 1 1 0 0 0	0 0 1 2 1 1 0 0 0	0 1 2 1 1 0 1 0	0 0 1 1 1 1 0 0 0 4	0 0 2 1 1 1 0 0 0 3	0 0 2 2 1 1 0 0 0 1	0 1 1 2 1 1 0 0 0 0	1 1 2 1 1 0 0 0 0	0 1 3 3 1 1 0 0 0 0	0 1 11 6 1 1 0 0	0 1 2 4 6 1 0 0 0 0	0 7 2 1 8 1 0 0	07201210005	0 4 2 0 4 1 0 0 9	0 2 5 0 0 1 0 0 0 10	0 0 6 0 0 1 0 0 0 3	0 0 3 0 1 1 0 0 2 3	0 0 0 0 1	0 0 0 2 2 1 0 0 0 1	0002210001	0 0 0 2 1 1 0 0 0 2	0 1 0 2 1 1 0 0 1 2	0 2 0 2 1 1 0 0 1 1	0 2 1 2 1 1 0 0	0 1 2 2 2 1 0 0 0 5
21 22 23 24 25 26 27 28 29 30	000010000	00000000	0000000000	000000000	000000000	0000000000	0 0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	0000000000	0000000000	0000000000	0000000000	000000000	0 0 1 0 0 0 0 0 0	003000000000000000000000000000000000000	0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 1 0	000000000000000000000000000000000000000	000000000	000000000	0 0 0 0 0 0 1 0	000000000	000000000	0 0 0 0 0 0 0 0 0 0	000000000
MEAN	٥	О	3	0	0	0	0	1	1	1	1	2	1	2	2	1	4	О	0	0	o	0	0	0	0.7

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT	COL	DILLID	DIAVIDE	
POLLITANI	- SUL	PHUR	DIDXIDE	•

	STA	TION	· NE	NO 7	7010	C	ALLUM	SUDB	URY A	IRSHE	D					MONT	rH - N	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	0000000000	000000000	000000000	0000000000	0005000000	0003000000	0000000000	0 0 0 0 0 0 1 0	0 0 0 2 0 0 0 1 8 0	0 1 0 2 0 0 0 1 3	0005000300	0000000000	00001800	0 8 0 0 0 0 13 7	002000360	0010000000	0030001000	0 0 0 0 1 0 1 0	0000000000	0 0 0 0 0 0 0 7	0 0 0 0 0 0 0 20	0 0 0 0 0 0 0 1	000000000	000000000	0 0 1 1 0 0 0 0 2 1 1
11 12 13 14 15 16 17 18 19	0000000000	00000000	0000000000	0000000000	0 0 0 0 1 0 0 1	0000000000	000000000	0 1 0 0 1 0 0 0 0 0	002000000	0400000000	0201000000	030000000	0 2 0 0 0 0 0 0 0	0 2 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0	010900000	0 0 18 0 0 0	0 1 2 0 0 0 0 0 0	000700000	0002000004	0000100002	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0010000000	010300000
21 22 23 24 25 26 27 28 29 30	00000031100	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 3 1 0 1	000000000000000000000000000000000000000	0 0 0 0 0 1 1 1 1 0	0 0 0 0 0 1 0 1 0 0	000000000000000000000000000000000000000		0 0 0 0 0 38 23 0 1	00000388022	0 0 0 0 0 3 8 3 0 5	0000000011	00000000	0000054000	000036000	0 0 0 1 4 3 0 0 0	0 0 0 0 0 0 0	0 0 0 0 13 0 0 0	0 0 0 0 0 1 0 0	0000000000011	0 0 0 0 0 2 0 1 1 1	0 0 0 0 0 2 0 1 1 2 0	0 0 0 0 0 0 0 0 0 0 1 1 1 0 0	0 0 0 0 7 3 0 1 1
٠.						•	•		•	•	-	•		-	-	1		-	·	•	v	-	~	•	

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. " *** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *-* INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTAN	r - s	ULPH	UR DIC	XIDE								UNITS	- 0.	01 PA	RTS/N	ILLIO	N						
	ST	ATION	NE	NO	77010	j	CALLU	M SUD	BURY	AIRSH	ED					MON	HTH -	JUN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 1 1 1 0	0 0 0 0 0	0000000	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 3 0 0	000000	0 0 0 0 2 0 4	0 28 0 0 2	0 3 14 0 0 2 0	0 0 4 0 0 0 7 0			0 0 0 0 0 0	0 6 	0	0 0 0 0 0 4	0 0 0 0 0 1 1	0200000	0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000	0 1 1 0 2 0	0 1 1 0 1 0	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 2 0 0 1 1
11 12 13 14 15 16 17 18 19	0000000000		00000000	00000000		000000000	000000000	00000000	000000000000000000000000000000000000000	00000000	000000000000000000000000000000000000000	0 3 0 5	000007035	0 3 0 10	0 0 2 0 0	0 0 0 0	0 0 0	0 7 0	1 0 2 0 15 0 1	10000	1000000000	2000000000	2000000000	200000000	0 1 1 0
21 22 23 24 25 26 27 28 29 30	0 1 2 2 1 2 1 1 2 1 2	0 1 2 1 2 2 1 3 2 2 2	0 1 2 1 2 9 1 1 1 2	0 1 2 2 1 15 1 2 1 1	0 0 2 2 2 2 1 2 1 2	0 0 2 2 2 2 1 1 1 2	0 0 2 1 2 2 0 2 1 2	0 0 2 1 2 2 2 4 3 2	0 0 3 3 2 1 1 2 2 1	0 0 2 2 1 1 2 5 2	1 1 9 2 2	2 2 2 4 2 4 1 1	23291221	2 2 2 2 2 3 2 1	2 2 2 3 1 1 1 1	2 2 2 2 8 2 1 2	2 2 2 2 6 1 1 1 1	2 3 2 2 3 1 1 1 2	0 2 3 2 2 2 2 1 2 1	2 2 2 1 1 1	1 2 2 3 3 2 2 1 1 1	0 3 2 2 1 3 3 1 2	0 2 2 3 1 2 2 1 2 1	022231121	1 2 2 2 4 1 3 2
29	1	2	1 2	1	1		1				2	1	2 1 2	1		1	1	1 2 2	1	1	1	1	1		

PERCENTAGE OF DATA VALID - 89.4

PERCENTAGE OF DATA INVALID - 10.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	NE	NO 7	7010	C	ALLUM	SUDB	URY	AIRSHE	D					MON'	rH - U	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 1 2 1 1 2	1 1 2 1 1 2 2 1 2	1 1 2 1 1 2 1 1 2	1 1 1 1 2 2 2 2 2 2	1 2 1 1 1 2 1 2	1 1 1 1 1 1 2 1 2 2	1 2 2 1 1 1 1 1 1 2	2 2 1 1 1 1 1 1 7 1	2 2 1 1 2 2 1 1	1 2 1 2 1 3 2 1 7 2	1 1 2 2 2 2 5 1 3 2	1 1 2 2 2 4 1 3 2	1 2 1 2 2 2 3 1 4 2	1 1 2 2 1 2 1 2 1 4 2	2 1 2 2 1 3 1	1 2 1 2 2 1 2 2	2 1 1 3 2 2 1 2 2	2 1 1 2 4 2 2 1 2 2	1 1 2 2 3 2 2 1 2 3	2132322123	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 2 2 2 3 2 2 2 2 2	2 1 2 3 3 2 3 2	2 1 0 1 2 2 2 2 2 2 2 2 2	1 1 2 2 2 2 2 2 2 1 3 2
11 12 13 14 15 16 17 18 19	3 1 0 1 2 1 1 1 1 1	1011221122	2 0 0 1 2 1 1 2 1	1 0 1 2 2 1 0 1 2	1 0 1 1 2 1 1 1 1 1 1	2 1 1 2 2 1 1 1 2 1	2 1 0 2 2 2 1 1 1 1	3 1 1 2 2 0 2 2 1	2 1 2 1 2 4 1	2 1 1 2 2 2 2 2 3 1	2 0 1 2 3 1 10 5 1 1	2 1 1 3 2 12 10 2	2 1 1 2 1 7 1 2	2 1 1 3 2 1 1 5 1 2	1 2 1 11 1 1 4 3 1 2	1 2 6 2 1 0 9 1 1	1 1 4 2 1 1 1 1 2	1 1 3 1 1 1 2 2	1 1 2 3 1 1 1 3 2 2	1 1 3 2 1 1 2 2 2 2	1 1 2 2 1 2 2 2 2 2	2 1 2 2 2 1 3 2 2 2	1 1 2 2 1 3 2 2 3	0 1 1 2 1 1 2 2 2 2	2 1 1 2 2 1 2 3 2 2
21 22 23 24 25 26 27 28 29 30	1 2 2 2 1 1 1 1 0	2 2 1 1 1 0 0	1 1 2 1 1 1 1 0 0	2 1 1 2 1 1 0 0	2 1 2 1 0 0	1 2 2 1 1 1 0 0 0	1 2 1 1 0 1 2 0 0 0	2 0 1 1 1 1 0 0 0	1 1 1 1 2 1 0 0 0	2 2 1 1 3 2 0	2 1 2 0 2 2 0 0 0 4	1 2 2 1 1 1 0 0	2 1 2 1 1 0 0	1 1 1 1 2 1 0 0	1 2 2 0 1 9 0 0 0 0	1 2 2 1 2 5 0 0 0 0	1 2 2 1 0 0 0 0	1 2 2 0 8 2 0 0 0 0	2 2 1 2 0 0	2 1 3 1 2 2 0 0 0 0	2 2 1 2 2 0 1 1	1 2 3 2 2 1 0 1	1 1 2 1 2 2 1 1 1 1 0	1 2 1 1 1 1 1 0 0 1 0	1 2 2 1 2 2 1 0 0
31	O	0	0	0	0	0	0	0	0	0	D	0	٥	0	0	0	0	0	0	0	0	О	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	1	2	2	2	2	2	2	1	1.4

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- 5	ULPHU	R DIO	XIDE							u	NITS	- 0.0	1 PAR	TS/M]	LLION	1						
	STA	TION -	NE	NO 7	7010	C	ALLUM	SUDB	URY A	IRSHE	D					MONT	н - д	UG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0000000000	000000000	000000000	000000000	0000000000	000000000	000000000	0000000000	0 0 0 0 0 0 0 0	000000306	002000502	000000000000000000000000000000000000000	0080000309	0060000003	0 0 0 0 0 1 0 1	0 4 0 0 0 0 0 1 0 0	0 1 0 0 0 0 1 0 0	0 0 0 0 0 0 1 0 0	000000001	000000000	0000000000	000000000	0 0 0 0 0 1 0 0 0	000000000	0 0 1 0 0 1
11 12 13 14 15 16 17 18 19	0 0 1 0 1 0 0	000000100	000000100	0 0 0 0 0 1 0 1 0 0	0 0 0 0 0 17 0	0000000000	0 0 0 0 0 0 0 0	000000000	0000000000	000000000	0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 1 0 0	010000000	0000000000	0000000000	1 0 0 0 0 0 1 0 0 0	1000011000	1 1 0 0 0 1 1 0 0 0	1 1 0 0 0 0 1 0 0 0	1 0 0 0 0 0 0 0 0	1 1 0 1 0 0 0 0 0	00000
21 22 23 24 25 26 27 28 29 30	000000000	000000000000000000000000000000000000000	000000000	0 0 1 0 0 0 0 0 0	000000000	0000000000	0000000000	0 0 0 0 0 1 0 0	000000000	0 0 0 0 0 0	1 0 0 1 0 0 0 0	0 0 0 0 0 0 0	0000400000	0 0 31 0 0	0 12 0 7 0 0 0 0	0 7 0 2 0 0 0 0 7	0 2 0 0 0 0 0 0 4	000200002	0000000000	0 0 0 0 0 0 1	0 0 0 0 0 0 1 0 0	000000500	0000000000	0000000000	0 1 0 2 1 0 0 0 0 1
31	0	O	0	0	0	0	0	0	0	Ĩ	4	1	3	5	0	0	0	1	1	1	0	0	0	0	1
MEAN	0	0	0	0	1	0	0	0	0	0	1	1	1	2	1	1	0	0	٥	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION	· NE	NO	77010	(CALLUM	SUDB	URY	AIRSHE	D					MONT	гн - :	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	000000100	000000000	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0	3 0 0 1 0 0 0 0 0 0 0	1 0 0 0 0 1 0 0 0	1000002100	1 0 7 0 15 15 12 0	0 0 0 2 0 14 17 5 0 0	0 0 11 0 16 15 2 0	0 0 0 0 4 11 1 4 0	000000000	0 0 0 0 0 0 0	00000000	000000000	000000000	000000000	000000000	0 0 2 0 2 3 1 0
11 12 13 14 15 16 17 18 19	000000000000000000000000000000000000000	000000000	000000000	000000000	000000000	0000000000	0000000000	0000000000	000000110	00000	000000110	000001000	0000000000	0400000000	0600000000	0000000000	110000	0000060000	0 0 0 0 0 0 0	00000000000	000000000	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 32 0 0 0	0 0 0 0 0 0 0	000000000	000000000	0000000000	0000001000	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 5 1	000000000000000000000000000000000000000	000001020	0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0	1030000080	0 0 0 0 0 0 0 0 12 0	000000000000000000000000000000000000000	000000000	004030000	1 0 1 0 0 0 0 0	16000000	1 0 2 8 0 0 0 0 0	18000000000	25 00 00 00 0	000000000	0 0 5 3 0 0 0 0
MEAN	1	0	0	0	٥	0	0	0	0	1	1	0	1	2	2	2	1	1	1	1	1	1	1	0	0.7

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID . 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION NO 77010 CALLUM SUDBURY AIRSHED MONTH - OCT STATION - NE 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 16 5 4 0 0 0 0 0 22 23 24 25 26 27 28 29 30 11 0 0 0 0 0 0 0 0 14 0 0 0 0 0 0 0 1 6 0 17 0 0 0 0 0 13 1 14 0 4 0 0 0 0 0 5 0 0 0 0 0 0 0 23 00 00 00 00 00 10 0 16 0 0 0 0 19 1 20 0 5 0 0 0 0 0 1 N100000000 0.6 MEAN

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAT	TION .	NE	NO	77010		CALLUM	SUDBI	URY	AIRSHE	D					MON	TH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000	0000000000	000000000	000000000	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	000000000	0 1 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 7 0 0 0 0 0	000010000	0 1 0 0 0 0	000010000	0000230000	0 0 0 0 5 20 0 0 0	00000000000	0 1 0 0 1 9 0 0	0 0 0 1 3 0 1 0 0	0 0 0 0 0 0 1 0 0	0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0	0 1 0 0 2 2 0 0 0 0
11 12 13 14 15 16 17 18 19	000210000	0 0 1 1 2 0 0 0 0 0	0 0 2 1 2 0 0 0	1 0 3 1 1 0 0 0 1 0	0 0 3 1 1 0 0 0 4 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 1 2 0 0 0 2 1 0	1 1 2 3 0 0 0 2 0 0	0 4 2 2 0 2 0 1 3 0 0	0 0 3 6 0 2 0 14 0	0068060300	0 0 8 7 1 4 0 0 0 0	0 0 4 4 1 10 0 0	6 0 2 4 3 4 0 0 0 0	4003300100	7 2 0 0 1 0 0 0 0	7 8 0 0 0 0 0 0 0 0	4 0 0 1 0 0 0 0 0	300100000	0 0 2 1 0 0 0 0 0	0 1 3 2 1 0 0 0 0	0 1 4 1 0 0 0 0 0 0	0 1 4 1 0 0 0	1 1 2 2 2 1 1 0 2
21 22 23 24 25 26 27 28 29	0303100000	0 5 0 0 0 0 1 0 0	0701100000	0 9 15 1 0 0 0	0 4 1 0 1 0 0 0 0 0	0 2 2 0 1 0 0 0 0 0	0 7 0 1 0 0	0 0 2 1 0 0 1 0	2000300010	19 6 17 0 2 0 0 0	10 20 9 0 2 0 0 2 0 0	3 16 7 2 0 0 0 3	10 0 0 1 0 0 6 0 6	0 0 1 0 0 0 11 1	0 0 0 1 0 0 0 5 4	00000000000	0 0 0 0 0 0 0 1 0	0 0 0 0 0 1 0 0 0	1 0 0 0 0 0 0 0 1 0	200000100	0 0 0 0 0 0 1 0 0	7 0 0 0 0 0 0 0 1	600000001	3 0 6 0 0 0 0	3 3 1 1 0 0 1 1
MEAN	0	0	1	1	1.	0	1	0	1	2	3	2	1	2	1	1	í	1	1	0	٥	1	0	1	0.9

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL			UNITS - 0.01 PARTS/MILLION																					
	STATION			NE NO 77010			CALLUM SUDBURY AIRSHED			ED						MONTH - DEC 76									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	0000000000	1 0 0 0 0 0 0 0 0 0 0 0 0	1000009000	0 0 0 0 0 0 0 0 0	0000000000	0 0 1 0 0 0 0	0010000000	0000020100	0 0 0 0 0 0 0 0 0	0 0 1 0 0 1 0	0 0 1 0 1 0 0 0	0 0 1 0 1 0 0 0 16	0420400080	0 5 1 0 6 0 0 1 6 0	0 14 1 0 20 0 0 0 4	0000500000	0000000000	0 0 1 0 0 0 0 0	0 0 1 0 0 0 0 3 0 2	000000000	0 0 0 0 1 0 0 0 0 0	0000000000	0000000000	0 1 0 0 0 0 0 0 1	0 1 0 0 2 0 0 1 2 0
11 12 13 14 15 16 17 18 19 20	11 0 0 0 0 0	000000000000000000000000000000000000000	000000000	0 0 0 0 0 0 0 0 13	000000000	000000000000000000000000000000000000000	****	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0	5000000100	508000000	001000000	1 0 3 0 0 0 0 0 0 0	1 0 1 0 2 0 0 0 0	0 0 1 0 0 0 3	0 0 0 0 1 0 0 0 8 -	00000008	0 0 0 0 0 1 0 4 -	0 0 0 0 1 1 0 1 -	0 0 0 1 1 1 0 1 -	0 0 0 0 1 0 2	0 0 0 0 0 1 0 1 -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	756		-		-	-	-	*		.=	FX.	1	DATA DATA DATA DATA DATA DATA DATA	OINVALIINVALIINVALIINVALIINVALIINVALIINVALIINVALIINVALIINVALII	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	0	0	O	0	0	O	٥	0	0 **	****
31	**** *	**** **	** *	***	****	****	****	****	****	****	****	.0	0	0	1	0	3	В	2	4	3	0	0	0 **	****
MEAN	ï	0	1	1	0	0	0	0	0	0	1	1	1	2	2	D	1	1	4	0	n	0	0	0	0.6

PERCENTAGE OF DATA VALID - 65.9

PERCENTAGE OF DATA INVALID - 30.8

PERCENTAGE OF DATA UNAVAILABLE - 3.4

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "." INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

YEAR

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

743

743

0

67

STATION - NE	NO 77010 CALLUM SUDBUR	RY AIRSHED		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
MAL	31	2.1	5	27
FEB	29	1.4	4	22
MAR	31	0.6	7	34
APR	30	0.7	6	67
MAY	31	0.7	7	38
JUN	26	1 . 1	4	28
JUL	31	1.4	3	12
AUG	31	0.4	2	31
SEP	30	0.7	5	32
ост	31	0.6	6	25
NOV	30	0.9	3	35
DEC	19	0.6	2	20

0.9

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

STATION - NE NO 77010 CALLUM SUDBURY AIRSHED

13

14

POLLUTANT - SULPHUR DIOXIDE

JUL

AUG

728

726

350

and tolling motivate special							
MONTH OO	TO 04	05 TO 10 1	1 TO 14 15	TO 25 26	TO 39 40	SOVER	TOTAL
JAN	704	31	4	3	1	0	743
FEB	677	11	4	3	0	0	695
MAR	720	12	5	3	4	0	744
APR	697	14	3	1	2	1	718
MAY	717	14	5	4	3	0	743
JUN	618	1.7	4	4	1	0	644

0

1

SEP 687 12 10 720 OCT 712 16 11 744 5 NOV 678 30 6 0 720 4 0 DEC 470 13 3 490 YEAR 8134 197 51 49 15 8447

2

FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT
50 70 90 95 PERCENT OF DATA VALID ARITH MEAN MIN 10 30 96.2 0 0.0 0.0 0.0 0.2 2,2 3,4 7.4 12.0 0.9 67

0

	STATION - NE NO 77012 SKEAD SUDBURY AIRSHED										MONTH - JAN 76														
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	0 0 2 0 0 1 0 0 0 0	0 0 3 0 0 1 0 0 0 0	0 0 1 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0	00200000000	002000000	0010000000	0 0 1 0 0 0 0 0 0	0 0 2 0 0 0 1 0 0	0010200400	0000100300	0000040600	0000000400	0 0 0 0 0 19 0 2	0 0 0 0 30 0 2 0	0 0 0 0 23 0 2 0 63	0 0 0 10 18 0 3 0 35	0 0 0 0 4 0 2 0 5	0 0 0 0 0 18 0 1 0 26	0 0 0 27 61 0 0	0 0 0 11 0 0 0	0 0 0 0 1 0 0 0 1 5	0 0 0 1 0 0 0 15	0 0 0 1 0 0 0	0 0 1 0 2 8 0 1
11 12 13 14 15 16 17 18 19 20	15 0 0 0 1 0 9	14 0 0 0 0 0 0 0 0 0 0 0 0 0	12010000000	11 0 43 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 2 0 0 0 0 0 27 0	1 0 3 0 0 0 0 0 61 0	0 0 2 0 0 0 0 0	0 0 1 0 0 0 0 0 0 22	0000000000	000000000	0 0 0 0 0 0 0 0	0 0 0 0 3 0 0	0 0 1 0 0 0 0 20 0	0 3 0 2 0 0 14	0 0 0 0 12 0 0 1	0 0 0 0 0 0 0 0	0000400000	0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0 2	0000300000	0 0 0 0 0 0 0	3030200290
21 22 23 24 25 26 27 28 29 30	300000000000000000000000000000000000000	0 0 0 0 0 0 1 0	0 0 0 0 0 0 1 0	0 0 0 0 0 1 1 0	0 0 0 0 0 0 0 1 0	000000000000000000000000000000000000000	0 0 0 0 0 4 0 0 0	0 0 0 0 3 4 0 0	0 0 0 0 0 0 0 0 0 0 0	0000000000	000000000	000000502	000000000	0 0 0 0 0 14 0 0	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0000000000	0 0 0 0 0 0 0	00000	0 0 0 3 0 3 12 0	0 0 0 0 0 0 0 0	0 0 0 0 0 7 0 0	000000400	0 0 0 1 0 2 3 1 0
31	0	0	3	0	2	0	0	0	0	0	0	0	0	0	1	0	0	5	1	1	1	3	0	0	1
MEAN	1	1	1	2	0	1	2	4	1	0	0	1	0	2	2	4	3	1	2	4	2	1	1	1	1.5

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION SKEAD SUDBURY AIRSHED MONTH - FEB 76 STATION - NE NO 77012 17 18 19 20 24 MEAN HOUR DAY O O DATA INVALID 2 3 4 5 6 7 8 9 10 0 0 4 0 0 2 15 3 7 16 0 0 0 2 ò 12 13 14 15 16 17 18 19 31 1 0 33 3 0 3 0 4 0 1 000B 2 0 1 O 0 2 2 1 0 0 0 0 0 0 1 22 23 24 25 26 27 28 11 0 4 2 2 0 0 0 12 2 2 0 0 15 14 0 0 0 2 0 0 0 1 0 0 2 1 0 7 0 0 3 12 0 1 3 0 4 5 6 0 1 0 0 2 38 0 0 2 23 0 3 24 8 0 0 3 13 0 0 3 0 MEAN

PERCENTAGE OF DATA VALID - 93.1

PERCENTAGE OF DATA INVALID - 2.7

PERCENTAGE OF DATA UNAVAILABLE - 4.2

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	. NE	NO 3	77012	5	KEAD	SUDBL	IRY A	RSHE			MONTH - MAR 76												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 1 0 5 0	000000000	0 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	000000000	000010010	000920020	1000193013	1000040640	2 0 0 0 0 32 0 13 7	1 0 0 0 40 0 34 16	1 0 0 0 0 31 0 17 43	0 0 0 0 1 0 26 35	0 0 0 0 3 0 7 29	2 0 0 0 1 0 5 6 0	1 0 0 0 0 3 0 4 4	1000030010	0000000	0 0 0 1 0 0 4 0	1000000050	1 0 0 0 1 5 0 5 7
11 12 13 14 15 16 17 18 19 20	0 0 0 0 2 0 0 0 12	0000000000	000000001	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 1	0000000000	0006000000	16 0 0 0 0	24 00000	0 0 0 12 0 0 0 0 22 0	0008000090	000000000000000000000000000000000000000	0 0 0 0 0 0 0 16 29	71 0 0 5 0 0 0 4	34 0 0 7 0 0 0 0 3	25 0 0 0 0 0 0 0	150000000000000000000000000000000000000	21 0 0 0 16 0 0 4	62 0 0 7 0 0 66 0	40 0 0 0 20 0 0 0 16 3	14 0 0 0 11 0 0 11 29	20009009	200070000000000000000000000000000000000	12 0 0 4 3 0 0 8 5
21 22 23 24 25 26 27 28 29 30	0 3 14 0 0 0	0061000000	0 0 0 0 0 0 0 0	0 3 21 0 0 0	7 0 0 0 0 0 0 0	000000	00000000	0 0 0 0 0 0 0 0	1500000	0 0 31 0 0 0	010200000	0 2 3 0 0 0 13 0	0 3 5 0 0 0 6 0 0	0 6 1 0 0 0 0 0 0 0 0	022000000	0450000000	0 2 31 0 0 0 0	0 2 8 0 0 0 0 2 0 0	0 4 0 0 0 0 26	0 17 4 0 0 0 0 72 0	0 22 2 10 0 0 0 34 0	0 6 4 0 0 21 0 3	0 5 32 16 0 0 7 0	0 25 39 0 0 0 0 0	0 4 6 7 0 0 1 8 0
31 Mean	0	0	19	7	31	80	16	3	0	0	0	29 3	7	59 5	3	4	18	0	0	0 8	0	0	0	0	12

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION SKEAD SUDBURY AIRSHED MONTH - APR STATION - NE NO 77012 HOUR DAY 24 MEAN 1234567890 11234567890 12234567890 12234567890 1300000060 0001411801 0 0 0 0 0 0 0 122 3 0 0 0 0 11 3 63 54 00 6 0 0 0 9 0 1 30 0 0 2 20 0 0 1 0 0 0 0 3 0 108 0 0 1 0 0 0 0 0 0 0 0 14 0 0 0 0 0 0 0 6 71 0 0 0 0 0 0 0 0 3 45 0 0 1 0 0 0 5 0 104 0 0 0 0 0 0 0 0 0 MEAN

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DA"A IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- NE	NO	77012		SKEAD	SUDB	URY A	IRSHE	0					MON	TH -	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2000400000	0 0 0 18 0 0 5 2	0 0 0 104 0 0 0 6	0 0 0 0 105 0 0 5 4	0 0 0 172 0 0 0	0 0 0 1111 0 0 0	950003	000050000	14 0 0 5 0 0 0 0 0 0	500000000000000000000000000000000000000	26 3 0 0 127 0 0 0 0	21 0 0 **** 32 0 0 0 0	29 0 0 0 0 0 0 0 0 0 39	21 0 0 7 0 0 0 0 0	5 4 0 7 0 0 0 5	4 0 1 0 0 0 3 0 9	3002000558	4 0 3 14 0 0 0 0 8 0	6 0 0 17 0 0 0 0	0001000000	4000000000	600000000	000000003	0 0 32 0 0 0	6 0 3 36 0 0 0 2 7
11 12 13 14 15 16 17 18 19 20	0 0 25 0 0 5 0	0 0 19 0 4 3 0 0	0008070000	0004000000	000000000000000000000000000000000000000	000300000	0000000000	0 0 0 0 0 0 0 0 0	0 0 25 0 0 0 0	0 0 4 8 0 0 0 0 0	0096000000	0 0 15 3 0 0 0 0 0 0	61 00 00 00 0	0 0 111 0 0 0 0	0 0 51 0 0 0 0	0 0 15 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 19 0 0 16 0 0	0 0 2 0 0 80 0 0	0 0 4 0 0 74 0 0	0 1 11 0 0 5 0 0	0 0 21 0 0 9 0 0	006600000000000000000000000000000000000	0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 18 5 0 8 0 0
21 22 23 24 25 26 27 28 29 30	****	000000000000000000000000000000000000000	****	****	****	****	**** 0 0 0 0 0 0 9 4 0	****	**** 0 0 0 0 0 0 53 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 11 0 0	0000000000	0 0 0 0 0 0 0 7 6	0 0 0 0 0 0 6 1 0	0000005240	000000000000000000000000000000000000000	0 0 0 0 0 0 0 5 2	0000060000	0 0 0 0 0 0 0 1 0	000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	000000000	******* 0 0 0 0 1 1 6 1
31 MEAN	0	0	0 5	0	о б	0	0	0	0 5	17	64 10	0	2	2 6	0	0	0	0	0	0 3	· 0	0	0	0	4 3.3

PERCENTAGE OF DATA VALID - 96.9

PERCENTAGE OF DATA INVALID . 2.8

PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NE NO 77012 SKEAD SUDBURY AIRSHED MONTH - JUN HOUR 24 MEAN DAY 3 4 5 6 7 8 9 0 0 1 9 0 0 10 9 0 16 0 0 12 13 14 15 16 17 18 19 20 0 0 4 0 5 13 0 1 0 0 8 0 11 15 0 0 0 0 0 0 6 3 0 11 0 0 0 0 29 00 00 00 0 0 0 25 0 0 0 4 0 1 0 0 0 18 0 0 0 31 0 0 0 10 0 8 48 0 4 0 18 10 0 6 0 0 15 0 16 0 1 0 0 2 57 22 0 0 0 4 3 0 48 0 2 0 0 12 0 17 6 5

38 0 0 0 0 3 0 8 0 0 0 2 0 4 0 22 23 24 25 26 27 28 29 3 5 2 53 10 27 4 3 14 3 12 4 18 2 2 4 3 8 3 22 16 4 3 3 5 3 7 7 2 2 14 2 12 0 2 6 6 2 9 0 5 3 4 4 4 3 3 4 5 2 3 3 4 7 61 4 3 44 13 16 4 8 MEAN

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

NO 77012 SKEAD SUDBURY AIRSHED MONTH - JUL STATION - NE 24 MEAN HOUR DAY 3 12 1 22 3 70 3 5 3 2 2 2 17 13 14 0 2 2 0 2 16 1 2 24 2 2 4 22 0 2 16 17 2 1 2 2 3 4 22 23 24 25 2 2 2 2 3 2 2 2 2 2 2 2 2 3 2 3 2 2 2 2 2 27 28 30 15

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

3 3

PERCENTAGE OF DATA UNAVAILABLE -

2.9

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

2 2

MEAN

2 2

3. " *** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION . NE NO 77012 SKEAD SUDBURY AIRSHED MONTH - AUG 6, 24 MEAN HOUR DAY 6 7 8 14 6 0 0 0 0 0 5 17 5 12 13 14 15 16 17 18 19 20 O 0 0 0 0 27 0 0 7 17 8 2 8 0 0 4 0 0 0 7 3 11 11 22 23 24 25 26 27 28 O 0 11 12 27 0 0 0 5 11 30 9 12 3 0 2 0 8 0 0 21 o - DATA UNAVAILABLE MEAN 3.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

PERCENTAGE OF DATA VALID - 94.6

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA INVALID - 0.0

UNITS - 0.01 PARTS/MILLION

		STA	TION .	NE	NO	77012	5	SKEAD	SUDBU	RY A	RSHED						MON	тн	SEP	76				Ж		
HO DA		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9		0 1 0	0 2 0	0 3 0	0 0 0	0 0 0	000	000	0 0	000	0 0 0	0 0 5 0	- DA1 - DA1 - DA1	A UNA A UNA A UNA A UNA 20 9 46 0	VAIL. VAIL. VAIL.	ABLE ABLE ABLE ABLE	- - -	15 7 0	45 6 0	0 0 0	0 4 0 0	0 12 0	3 10 0	0 0 0	0 0 0	***** 6 3 0
11 12 13 14 15 16 17 18 19		0 61 0 3 0 0 0	000000000	0000000000	000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0005000000	0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0	000300000	0 0 16 18 0 0 0	0 107 18 1 0 0 0	0 92 34 6 0 0 0	0 15 4 9 0 0 0 0	0 10 0 3 0 0 0 0 0 0	060000000	0 55 4 0 0 0 0 0 0	0 15 2 0 0 0 0 0	0 45 29 0 0 0 0 0	0 3 43 0 0 0 0 0	2 0 14 0 0 0 0 0 0 0 0	600000000	5 0 0 0 0 0 0 0 0 0	1 17 7 2 0 0 0 0
21 22 23 24 25 26 27 28 29	! ! ! 5 5 7	002000000	0040000000	000000000	0 0 0 0 0 0 0 0	000000000	0000000000	00000000	000000000	0000000000	4 0 0 0 0 0 0 0 0 0 0 0	7 0 0 0 0 0 0 0	3 0 0 0 0 0 0 0 0 0	2000000005023	0 0 0 2 0 0 0 17 0 29	0 0 19 0 0 7 0 4	0000000000	00000000	000000000	0 0 0 3 0 3 0 5 0 0	0 1 0 5 0 0 0 5 0 3	0 4 0 32 0 0 0 4 0 23	000012000409	0000000000	00000000000	1 0 0 3 0 0 0 0 2
MEA	٨N	3	0	0	0	0	1	0	0	0	0	1	2	10	10	4	2	1	5	1	4	5	2	۵	0	2.2

PERCENTAGE OF DATA VALID - 78.8 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 21.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- " " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

į.		POL	LUTANT	* 3	SULPH	UR DI	OXIDE							L	NITS	- 0.0	D1 PAF	RTS/M	LLION	N						
		STA	TION -	NE	NO	77012		SKEAD	SUDB	JRY A	IRSHED						MONT	гн - с	OCT	76						
	HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
	1 2 3 4 5 6 7 8 9	0000000000	0 **	** 0 0 0 0 0 0	****	0 0 0 0 0 0 0 0 0	****	****	****	0 0 0 0 0 0 0 0 0	88 0 0 0 0 0 0	12 4 0 0 0 0 0 0	32 3 0 48 9 0 0 0	11 0 0 0 19 0 0 0	0 0 0 0 4 0 0 0 0	18 0 0 9 0 0 0 0 0 0 0	12 0 0 3 0 0 0 0 2 0	4000000000	5000000000	15 0 0 4 0 0 0 0 0 0	19 0 0 0 0 0 0 0 0	000000000	000000000	0000400000	0 0 0 0 0 0 0 0 0	9 0 0 3 2 0 0
	11 12 13 14 15 16 17 18 19	0 0 7 0 0 0 0 0 0	006000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0 0	0000000000	0 14 0 0 0 0 0 0 0 0	0 29 0 0 0 0 0 0 0	03800000000	0 24 0 0 0 0 0 0 0 0	0000000000	0000000000	0500000000	0600000000	0004000000	0000000000	0000000000	000000000000000000000000000000000000000	0 6 1 0 0 0 0 0 0 0 0
	21 22 23 24 25 26 27 28 29	00000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	00000000000	00000000000	0000000000	000000000	0000000000	0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0	000000000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000
	31 MEAN	0	0	0	0	0	0	0	0	0	3 3	3	3	0	1	0	0 2	0	0	0	0	0	0	0	0	0 0.7

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE + 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

	STA	TION -	NE	NO	77012	:	KEAD	SUDBL	RY A	RSHE)					MON	rH - H	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	0 0 1 0 0 0 0 0 0 0	0050020020	0 0 9 0 0 4 0 0 0 0	0 0 9 0 0 8 0 0 0 0	0000000000	000000000	0000000000	000000000	0 0 5 0 0 0 0 0 0 2	000000000	003000.00	000000000	37 0 0 0 0 0 0 0	050000000000	0 21 0 0 0 0 0 0	0050000000	003000000	004000000	0 0 4 0 0 0 0 0 0 0	0000000000	0000600000	0 0 0 18 0 0 0	0000000000	000000000	0 2 4 0 1 1 0 0 0
11 12 13 14 15 16 17 18 19	000000010	0000000000	000004000	000000000	0 0 0 0 0 0 0	00000000000	2000	0 0 0 0 0 0 12 0 0 0	0000000000	56000	0 0 0 0 52 0 0 0	0000004000	000000000000000000000000000000000000000	000005000	0000000000	0 0 0 0 0 32 0 0	000004	0000030500	000000000000000000000000000000000000000	0 0 0 0 0 0 12 0 0	0 0 0 0 0 16 0 0	0 0 0 0 0 0 1 0 0	000000000	0000000000	0 0 0 0 0 10 2 0 0
21 22 23 24 25 26 27 28 29	000000000	0000000000	000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0	00002700000	0 0 0 2 5 0 2 6 0	00000500	0004003000	0005000000	000300000	00000000	0000000000	000000000	000000000	000000000	000300000	0 0 0 0 0 0 0	000000000	000000000	000000000	0000000000	0 0 0 1 1 0 0 0 1
MEAN	0	0	1		0	1	1		2	2	2	1	2	1	1	1	1	1	0	0	1	1	0	0	0.8

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

UNITS - 0.01 PARTS/MILLION

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. " " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE STATION . NE NO 77012 SKEAD SUDBURY AIRSHED MONTH . DEC HOUR 24 MEAN DAY 2 3 4 5 6 7 8 9 3 0 0 0 3 0 0 17 0 0 0000003. 12 13 14 15 16 17 18 19 20 00. 11 00000000 34 00005 00.00000 60.0000000 22 23 24 25 26 27 28 29 MEAN 0.5

PERCENTAGE OF DATA VALID - 99.1

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.3

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE NOTES 1.

- *- * INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77012 SKEAD SUDBURY	AIRSHED		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.5	11	102
FEB	27	1.9	9	57
MAR	31	2.9	12	80
APR	30	2.1	20	122
MAY	29	3.3	36	172
JUN	30	3.7	12	70
JUL	31	2.9	8	70
AUG	29	3.1	17	80
SEP	23	2.2	17	107
OCT	31	0.7	9	88
NOV	30	0.8	10	56
DEC	31	0.5	5	34
YEAR	353	2.1	36	172

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SUL	PHUR DIOXIDE				UNITS - 0.0	1 PARTS/MILLION
STATION - NE	NO 77012	SKEAD SUDE	BURY AIRSH	ED		
MONTH OO	TO 04 05 TO	10 11 TO	14 15 TO	25 26 TO 39	40 &OVER	TOTAL
JAN	695	16	8	15 5	5	744
FEB	587	31	9	11 7	3	648
MAR	645	36	11	24 17	10	743
APR	661	25	8	10 4	11	719
MAY	637	37	7	18 6	16	721
JUN	602	57	10	26 9	13	717
JUL	667	53	8	9 1	1	739
AUG	594	38	19	31 10	12	704
SEP	514	21	6	12 5	9	567
ост	713	8	4	7 3	2	737
NOV	683	19	4	8 2	2	718
DEC	710	13	8	5 1	0	737
YEAR	7708	354 1	02	176 70	84	8494

FREQUENCY	DISTRIBUT	ION BY	PERCENTILES									
	PERCENT					CONCEN	TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	96.7	0	0.0	0.0	0.0	0.0	3.7	10.2	22.7	38.8	172	2.1

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

	STA	TION -	NE	NO	77013		HANMER	SUDE	URY	AIRSHE	D					MON'	TH	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 2 3 2 2 3 4 2 3 2	1 2 2 2 1 3 3 2 2 2 2	1 2 2 2 1 3 3 2 2 3	1 2 2 2 1 3 3 3 2 3	1 2 2 2 2 3 3 3 3 2 4	1 2 3 3 3 4 2 3	1 2 2 2 2 3 3 3 2 4	2 1 2 3 3 3 4 2 3	2 2 2 3 3 4 3 4	2 3 2 3 3 3 3 4 3 3	2 1 2 2 3 3 3 4 3 4	2 1 2 2 2 7 3 4 3 4	1 3 2 2 2 6 3 4 3 4	1 8 2 2 2 2 5 3 3 4	1 22 2 2 2 8 3 3	1 2 2 2 3 5 3 5 3 5	1 2 2 2 3 6 3 4 4 5	1 2 2 2 3 9 4 3 3 4	2 2 2 4 9 3 3 6	1 2 6 6 3 2 3 9	1 17 2 2 5 3 3 2 3	1 15 2 3 3 3 2 3 7	1 3 1 2 3 3 3 2 3 9	1 3 1 1 3 3 3 2 3 8	1 4 2 2 3 4 3 3 3 5
11 12 13 14 15 16 17 18 19	7 3 4 2 2 5 2 3 8 9	6 3 4 2 2 4 2 3 2 6	6 3 8 2 2 4 2 3 3	5 7 2 2 4 2 3 8 7	4 3 4 2 2 3 2 3 7	4 3 4 2 2 4 2 3 13 4	4 2 3 2 2 4 2 3 5 2	5 3 3 3 2 4 3 3 4 2	5 3 4 3 2 3 3 3 4 2	6 3 4 4 3 3 3 3 4 2	5 3 4 3 3 2 3 4 5 1	4 3 4 2 3 3 3 4 5	3 4 4 0 3 3 2 2 4 1	3 5 4 0 2 2 2 1 1 5 1	3 4 0 3 2 2 9 6	3 4 0 8 2 2 5 4	3 4 0 9 3 2 3 4 2	4 3 4 0 8 5 2 3 4 2	2 3 4 0 7 4 2 3 4 2	2 18 4 2 5 2 2 3 5 3	2 8 4 2 5 2 2 4 9 2	2 3 4 2 8 2 2 4 3 9	2 3 3 2 13 2 5 11	2 3 3 2 8 2 3 5 14 2	4 4 2 4 3 2 4 7 3
21 22 23 24 25 26 27 28 29	3 2 2 4 2 2 4 3 3	3 2 2 4 2 2 5 3 1	2 2 3 3 2 1 4 3 3	3 3 3 2 2 4 2 3 1	2 2 3 3 2 2 5 3 2 0	2 2 2 2 2 4 2 2 1	2 3 2 2 1 4 3 1	4 2 3 2 1 2 3 4 1 1	4 3 2 2 2 4 4 1	4 2 4 2 2 2 5 3 2 2	2 2 2 2 3 5 2 1 5	2 2 2 1 3 3 2 1 3	222243232	2 2 2 3 3 5 3 2	2 3 1 2 3 2 2 1 2	1 3 2 1 2 3 2 3 1 2	2 2 2 1 2 3 2 2 1 2	2 2 3 1 4 3 6 2 1 2	2 2 3 4 2 6 3 1 3	2 2 2 2 9 3 3 3 1 3	2 3 3 2 7 2 4 3 1 2	2 3 2 4 2 3 3 1 3	2 2 4 2 3 3 3 3 1 2	2 2 3 2 4 3 3 1 3	2 2 3 2 4 3 2 2
31 MEAN	3	3	3	2 3	2	4 3	5 3	5 3	4 3	3	3	3	3	3	3	2 3	1 3	1 3	1 3	1	2 4	1	3	1 3	2 3.1

....

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " ... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- S	ULPH	UR 010	XIDE							U	INITS	- 0.0	1 PAF	RTS/MI	LLION							
	STA	TION -	NE	NO	77013	+	IANMER	SUDB	URY	AIRSHE	۵					MONT	TH - F	EB	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 3 2 2 2 3 5	4 1 2 3 2 2 2 2 2 3 5	3 1 2 3 2 2 2 2 2 2 7	2 1 3 2 2 2 1 2 4	2 1 1 4 3 2 2 2 2 2 2 2	2 1 3 4 3 2 1 2 3	2 1 3 3 2 2 1 2 3	1 0 2 1 2 2 2 1 2 4	1 0 2 2 3 3 2 1 3 6	2 0 2 1 4 3 2 2 3	2022443239	2022433235	20215214	12 22 34	212282225	2 1 2 2 9 2 2 2 6 4	1 1 3 2 3 2 4	2 1 2 1 4 2 2 2 2 4	2 2 3 1 6 2 2 3 3	2 2 2 3 2 3 1 4 3	2 2 2 4 1 6 1 6 2	2 1 6 2 5 1 4 2 8 2	2 2 7 2 3 1 3 2 4 2	2 1 4 1 3 1 3 2 5	2 2 2 2 3 2 3 4
11 12 13 14 15 16 17 18 19	2 2 3 3 3 3 3 2 1	2 3 3 2 2 3 3 2 1	2 3 2 2 2 3 2 3 2 1	1 2 2 2 3 3 2 3 2 1	2 3 2 2 3 3 2 17 2	2 3 2 2 3 3 3 2 10 2	2 4 2 2 2 2 2 2 2 2 1	2 3 2 2 3 3 2 2 1	2 2 2 2 8 3 2 3 2 3	2 3 2 4 3 3 2 3 2 2	2923422321	2 2 2 2 2 2 1	2 2 2 2 2 2 2 4	2 2 2 2 2 2 3 1	2 2 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	232742224	2 3 2 4 4 2 2 2 1	2323633224	2323532222	2322422222	2322422222	2 4 3 2 3 2 2 2 2 3	2 4 3 3 3 2 3 2 2 2 2	3 3 2 3 2 4 2 2 1	2323422324
21 22 23 24 25 26 27 28 29	2 1 2 2 2 3 3 2 2	2 1 1 2 2 3 3 1	2 1 1 2 2 2 3 2 1	2 1 1 2 14 2 2 5	2 1 2 2 9 2 2 4 1	2 1 2 2 15 1 1 3	2 1 1 2 16 1 1 3 2	2 1 1 2 9 1 1 2 5	2 1 2 2 2 1 2 2 5	2 1 2 2 5 2 2 2 2 2 4	1 2 2 19 2 2 2 3	2 2 3 2 1 2 3	1 9 2 15 2 2 2	1 1 7 2 5 2 2 2	1 1 7 2 3 2 2 3	1 1 3 2 3 2 2 8 1	1 4 2 3 2 2 17	1 1 2 3 4 2 2 9 2	1 2 3 3 3 1 5	1 1 2 3 6 4 1 2 1	1 1 2 3 6 2 1 2	1 2 3 4 3 1 3 1	1 1 2 2 4 4 1 2 1	1 1 2 2 3 4 1 2 1	2 1 3 2 7 2 2 2 4 2
MEAN	2	2	2	2	3	3	2	2	2	3	3	2	3	4	3	3	3	3	3	2	2	3	2	2	2.7

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- .. INDICATES DATA IS UNAVAILABLE
- 3. " ---- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION -	NE	NO	77013		HANMER	SUDI	BURY	AIRSHE	D					MONT	[H - H	MAR	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24 M	MEAN	
1 2 3 4 5 6 7 8 9	1 0 0 1 0 0 1 1 1 0	1 0 0 1 0 1 0 0	1 0 1 1 0 1 0 0	1 0 1 2 0 1 0 1 0 0	1 0 1 0 0 1 0 0 1 0	1 0 0 2 0 1 1 0 2 0	1 0 1 2 0 1 1 1 2	1 0 1 1 0 2 1 1 1 1	1 0 2 0 3 0 1 1	1 0 0 2 **** 3 0 2 1 1	1000560110	1 0 0 0 2 1 0 0 1 0	1000100110	2 0 0 0 0 2 0 2 1 0	300010000	300000000	2000000000	1 0 0 19 0 0 0	2 0 0 1 0 0 0 0 0	300000000	30000000	2 0 0 0 0 1 0 1 0 0	2000010000	2000000000	2 0 0 1 0 1 0 1 1 0	
11 12 13 14 15 16 17 18 19	0 12 0 0 0 0 0 0 0 0	0 13 0 1 0 1 0 1 0	0 7 0 2 0 0 0 1	0 3 1 0 0 1 0 2 0 0	0 2 2 1 0 1 0 2 0	0 2 0 0 0 1 0 2 4 0	1 3 0 0 0 1 0 2 8 0	2 1 0 0 0 2 0 3 15 0	1 **** 0 0 0 1 0 1 17 0	1 0 0 0 **** 1 0 1 1	0000000120	0 0 0 0 0 2 0 1 4 0	000000000000000000000000000000000000000	0 0 0 0 0 3 0 2 8 0	0000040120	5000020110	11 00 00 0 2 0 1 0 0	9 0 0 7 1 0 1 0 0	15 0 0 13 1 0	26 0 1 0 4 0 1 1	30 0 0 7 0 1 1	36 0 1 0 6 0 1 2	20 0 0 0 6 0 1 2 1 3	12 0 1 0 4 0 0 0 0	7 2 0 0 2 1 0 1 3	
21 22 23 24 25 26 27 28 29	0 0 0 0 0 0 0 0	0011000000	000000000	0 0 0 4 0 0 0 0 1 0	0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 1 0	000000000000000000000000000000000000000	0 0 0 2 0 0 0 0	0 0 0 0 1 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 4 2 0 12 0	0 0 0 0 0 1 2 0 2 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 17 0	0 0 0 0 0 0 0 0 10	0 1 0 0 0 0 0 0 0 0 0 0	33000000	0 1 **** 1 0 4 0 0	0 1 4 0 0 2 0 0 1 1	0 2 18 1 0 1 0 6 0	0 0 2 0 0 1 0 4 0 1	0021000300	0 2 1 0 0 0 0 2 0 7	0 0 1 1 0 2 0 1 3 1	
31	1	1	0	2	1	0	1	0	0	0	0	2	2	1	4	3	3	3	0	0	2	2	0	0	1	
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1.1	

PERCENTAGE OF DATA VALID - 99.5

PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLU	TANT	- S	ULPH	UR DIO	XIDE							U	NITS	- 0.0	1 PAR	RTS/MI	LLIO	N						
	STATI	ON -	NE	NO	77013		HANMER	SUDBU	RY	AIRSHE	D					MONT	'н - д	1PR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3	0 3 2 1 1 2 1 1 2	0 16 2 1 1 2 2 1 1 3	0 13 1 1 2 2 1 2 1 2	0 15 2 1 1 2 2 1	0 9 1 1 2 2 1 1 1	0 8 1 1 1 1 2 1 2 2	0 9 1 1 1 2 2 2 2 2	0 4 1 1 1 2 1 2 2	2 1 2 1 1 2 1 2 1 2 2	2 2 1 1 2 1 1 1 2	2 1 2 1 1 1 1 2 2	3 2 1 1 1 2 2 1 1	3 1 1 1 1 2 1 1 1	5 2 1 1 2 1 1 1 2 1	4 2 1 1 1 1 1 1 1 2	3 1 1 1 1 2 1 1 1 1	3 1 1 1 1 2 2 1 2	2 1 2 1 2 1 2 1 2	2 1 2 1 2 1 1 1 1	2 1 1 2 1 1 1 1 0	5 1 2 1 1 1 1 2 1	4 2 1 2 1 2 1 1 2	8 1 1 1 1 1 1 1 2 0	2 4 1 1 1 2 1
11 12 13 14 15 16 17 18 19 20	1 0 2 1 2 2 2 3 1 2	1 0 1 1 2 2 2 2 3 2 2	1 0 1 1 3 2 2 2 3 1	1 1 2 1 5 3 2 2 1 2	1 1 2 1 4 3 2 2 1	1 1 2 1 4 2 1 2 1 2	1 1 2 2 2 3 2 2 2 2 2	1 1 1 2 3 2 2 2 2 1	1 0 1 1 2 2 2 3 1 1	0 0 1 2 3 2 2 3 1 2	1 1 2 2 2 2 2 2 1 2	1 2 1 10 1 3 3 2 1	1 1 3 1 3 4 2 2 2 2	1 1 2 3 1 3 2 2 2 2	1 1 2 1 2 3 2 2 2 2 2	1 1 7 2 3 4 2 2	0 1 1 2 2 1 2 2 2	1 1 2 3 2 2 3 6 2 3	1 2 1 2 3 3 4 2 2	1 1 2 2 6 2 2 1 4	0 1 2 2 2 2 2 1 2 3	0 1 2 2 1 2 2 1 2 1	0 2 1 2 1 1 2 3 2	021322221	1 1 2 2 2 2 2 2 2 2 2 2
21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 2 0	1 0 1 2 - 0 1 0	1 2 1 2 3 - 1 1 0	1 2 0 2 1 - 1 1 0 2	1 1 0 2 3 - 1 1 1 1	1 1 0 2 2 - 1 0 0 1	1 2 0 2 3 - 1 0 1 1	1 1 0 2 1 1 1 1 1 2	1 2 1 2 1 0 0	1 2	1 2 2 1 1 1 0 3	2 1 2 1 1 - 1 0 13	1 0 1 1 0 1	1 1 1 1 1 0 0 9	1 1 1 1 1 1 0 1 17	1 1 1 1 1 1 1 1 1 8	1 1 1 1 0 1 1 1 0 9	1 1 1 1 1 0 0	2 1 0 1 1 0 0 1 1	3 1 1 1 0 1 0 0	1 1 1 1 1 1 0 1 2	7 1 1 1 1 0 1 0 1 2	O 1 1 0 1 1 0 1 2	2 1 2 1 1 1 1 0 0 2	1 1 1 1 1 ****** 1 1 0 3

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 1.8

- *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO	77013	1	HANMER	SUDE	URY	AIRSH	ED					MON	TH - 1	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	.2	2	2	2	2	3	3	4	3	1	1	2	4	6	8	4	1	2	2	2	3
2	1	1	1	1	1	1	1	1	2	2	2	1	1	17	9	1	0	1	0	2	1	1	1	1	3
3	2	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	1	1	1	1	0	1	0	2	1	1	1	1	1	1	9	6	2	1	2	1	1
5	1	1	1	2	2	2	7	4	3	1	2	1	2	2	2	2	2	1	1	1	1	1	1	1	2
6	1	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	î
7	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	3	1	0	0	0	0	0	0	1
8	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0
9	1	1	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	1	1	1	4	2	1	1	1	1	12	13	9	8	17	6	8	1	1	1	1	1	1	0	0 0 4
11	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1
12	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	G 3	0
13	0	1	1	1	1	1	1	1	1	0	1	0	٥	0	0	0	1	1	1	0	0	1	2	3	1
14	2	2	1	2	1	2	2	1	5	3	2	2	1	1	0	1	0	1	1	2	2	2	2	1	2 3
15 16	1	1	1	1	1	1	1	1	3	1	1	3	8	9	12	7	1	1	8	В	2	0	0	0	3
16	1	1	1	1	1	2	1	1	1	1	1	1	1	1	6	1	2	2	2	1	2	2	2	1	2
17 18	2	2	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1	1	1	1	1	1
18	1	1	1	0	0	1	1	1	1	2	1	2	1	0	1	1	1	1	1	1	1	0	1	1	1
19	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	0	0	1
20	1	1	1	1	D	٥	1	1	1	0	0	1	1	1	0	0	0	0	1	0	0	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
22	2	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	0	1	1	٥	0	0	0	0	1
23 24 25 26 27 28 29	1	0	1	0	0	0	0	0	0	0	3	0	1	1	0	1	0	1	0	0	0	0	0	0	0
24	٥	1	0	0	0	- 1	0	1	1	0	0	1	٥	1	0	0	0	0	1	1	1	0	0	0	0
25	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1
26	1	1	1	1	1	- 1	1	0	1	1	1	1	1	1	2	4	4	3	2	1	0	0	0	0	1
27	1	1	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	٥	0	0	0	1	1	1	0
28	1	. !	0	0	0	0	1	3	2	5	2	2	4	33	39	38	36	19	0	0	1	1	1	1	8
29	1	1	1	2	3	2	3	2	1	3	2	2	6	9	2	5	4	2	1	2	2	2	1	1	3
30	1	1	1	,	(1)	1	2	3	3	2	2	2	2	4	3	2	6	1	1	2	2	1	1	2	2
31	1	10	2	2	1	1	2	1	2	5	12	19	9	2	2	2	Ĭ	1	0	0	0	0	o	0	3
MEAN	1	1	1	1	1	1	1	7	1	1	2	2	2	3	3	3	3	2	î	1	4	1	1	1	1.5

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID . 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. " " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HANMER SUDBURY AIRSHED STATION - NE NO 770'3 MONTH - JUN HOUR В 9 10 11 12 13 20 21 24 MEAN DAY 1 2 3 4 5 6 7 8 9 0 0 ٥ - DATA UNAVAILABLE -2 0 2 1 20 3 0 1 32001 30 0 00 0000 00000 00000 0201 0090 29 0 o 11 12 13 14 15 16 17 18 19 20 0010250011 0 3 74 1 26 0 0 0 0 7 27 2 34 0 0 0 13 1 17 0 0 1 0 0 000 0 0 3 1 17 0 1 1 0001020123 0001130123 1002100032 0060100200 1 22 2 4 0 002000031 004100031 063300521 9 56 1 22 0 0 0 0 4 00 3 0 0 0 21 22 23 24 25 26 27 28 29 354453 2333321 2345324 3 4 2 4 10 2 9 3 3 19 3 4 6 2 22 3 3 12 3 3 3 2 2 2 3 2 3 11 3 23 3 3 12 6 24 3 14 3 11 3 27 2 2 3 4 MEAN 2.7 2

PERCENTAGE OF DATA VALID - 93.1

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 6.7

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " ... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STAT	ION -	NE	NO	77013	1	HANMER	SUDB	URY	AIRSHE	D					MON	тн - ,	JUL	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9 10	3 2 3 4 2 3 4 2 1 2	2 2 2 2 2 3 3 2 3	3 3 2 2 3 3 3 2 2 2 2	3 3 3 4 2 2 2 1 2	2 2 2 4 4 2 3 1 1 3	2 2 2 4 2 2 2 4	3 2 2 2 1 2 1 2 1 2 1 2	3 2 2 2 1 3 4 2 2 3	3 3 3 1 2 3 2 2 3	3 2 3 3 1 2 2 2 4 2	2 3 2 3 1 2 1 2 27 3	2 3 2 3 0 2 2 2 10 2	3 2 3 4 2 3 3 1 5 8	2233333248	2232335254	2 2 2 2 2 3 3 2 11 3	22333223243	3 2 3 3 2 3 2 3 4	3 2 2 2 2 3 3 2 2 3	3 2 3 3 1 3 3 2 2 2 2	3 2 2 3 2 2 2 3 3	3 2 3 4 3 2 2 2 4 2	2 2 2 2 2 2 3 3 3 3	2 4 2 3 3 2 2 2 3	3 2 3 3 2 2 3 2 4 3
11 12 13 14 15 16 17 18 19	2 1 2 2 3 2 2 2 2 2	2 1 2 2 2 3 2 2 3 3	3 1 1 2 3 1 2 3 2 2	3 1 2 1 3 1 2 4 3 1	2 1 1 3 2 2 2 2 4	2 1 2 2 2 2 1 2 4	2 1 2 2 3 3 2 2 3 3	3 2 2 2 3 3 1 2 2 3	2 2 4 3 2 2 4 3 3	2 2 2 2 3 2 2 3 3 3 3	2 2 2 3 1 1 2 4 2	2 2 2 2 2 1 2 2 3 3	3 2 3 4 3 3 2 2 2 3	2 2 2 50 3 2 2 2 2 3	2 2 2 17 3 2 1 2 2 4	2 2 2 3 3 3 3	2 3 2 10 1 2 2 3 3 3	2 3 2 4 2 2 2 2 3 3	2234222323	233422223	2333222323	2333322245	1 3 2 1 2 1 2 1 4 3	1 3 2 2 3 2 2 2 3 3	2 2 2 6 3 2 2 2 3 3
21 22 23 24 25 26 27 28 29	3 3 3 2 2 1 3 2 2	4 4 2 2 1 2 2 2 1	4 4 2 2 2 2 3 1 1 1	2 4 1 1 3 3 2 2 2 2	0 4 3 1 3 2 1 2 1 1	2 2 2 1 1 2 2 2 2 2 2	1 1 2 1 1 3 3 2 2 1	1 2 7 1 2 4 3 2 2 2	3 4 3 1 2 3 3 3 *** 2	4 2 2 1 2 3 1 2 0	2 4 4 2 2 3 2 2 0 8	2 3 4 1 2 3 2 2 0 2	3432232203	2 2 4 2 2 3 2 2 0 1	3 20 3 2 2 3 2 1 0	1 9 4 2 2 3 2 2 0 0	16 4 2 2 2 2 2 0 0	2042222200	2 2 2 3 2 2 0 0	2 5 3 2 2 2 1 1 0 0	3 2 2 2 2 3 2 2 0 0	2 3 2 1 2 2 2 2 0 0	3 3 2 2 2 2 2 3 1 0	2 3 1 2 2 2 1 2 1 0	2 7 3 2 2 3 2 2 1
31	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	٥	0	0	0	0
MEAN	2	2	2	2	2	2	2	2	3	2	3	2	3	5	3	3	3	3	3	2	2	2	2	2	2.5

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- SI	JLPHI	JR DIO	(IDE							į,	NITS	- 0.0	1 PAF	RTS/M]	LLION	N						
	STAT	ION -	NE	NO 3	77013	н	ANMER	SUDE	BURY	AIRSH	ED					MONT	гн - д	UG	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 1 0 0 1 1 2	0 0 0 1 0 0 0 2 0 2	0 0 0 1 0 0 0 2 1 2	1 0 0 0 0 1 0 1 2 2	1 0 0 0 0 1 0 2 2	1 0 0 0 0 1 1 2 1 2	1 0 0 0 0 1 0 1 0 2	1 0 0 0 0 0 3 0 0 4	0 2 0 2 0 1 9 3	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 3 1 0 0	00000000001	000007001	0 0 0 0 0 0 0 0 1	0 0 0 0 0 1 0 0 0	0000000000	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 1 1 0	0 0 0 1 0 0 1 2 1 0	0 0 0 0 0 0 0 1
11 12 13 14 15 16 17 18 19	1 0 0 0 0 1 0 0 0	1 0 0 0 0 0 1 1 1 0	1 0 0 0 0 0 1 1 0	1 1 0 0 0 0 1 1 0	1 1 0 0 0 0 0 1 0 0 0	1 0 0 0 0 0 1 1 0	0 1 0 0 0 0 0 0 1 0	1 0 0 0 0 1 0 2 0	1 1 0 0 0 0 0 4 3	4 1 0 0 0 0 0 0 8 3 0	0 0 0 0 0 0 5 1	000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 0 0 0 0 0 0 0	3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4000000050	000000000000000000000000000000000000000	60000000	7 0 0 0 0 0 0 0 0 0	2000000000	0 0 0 0 0 0 0 0	0 0 0 0 1 1 0 0 0	0 0 0 0 1 2 0 0 0	0000011100	2 0 0 0 0 0 0 1 1 0
21 22 23 24 25 26 27 28 29	0 0 0 1 1 0 0 1 0 0	1 0 0 1 1 0 2 2 0 0	1 0 0 1 1 1 1 2 0 0	0 0 0 1 1 1 1 2 0 0	1 0 0 1 2 1 0 0 0	2 1 0 1 0 1 1 1 0 0	1 0 0 1 0 0 0 0	000000000000000000000000000000000000000	2000221000	0 3 0 1 0 3 2 0 0 0	0 0 0 5 0 1 1 0	0 0 29 0 46 1 0	0 0 0 0 34 3 0	0 0 0 1 0 1 30 0	000000000000000000000000000000000000000	0000000	000000000000000000000000000000000000000	0 0 0 0 0 12 0 0 0	000000000000000000000000000000000000000	0 0 0 0 1 1 0 0 0 0	0 0 0 0 1 3 0 0 0 0	0 0 1 1 0 0 0 1	0 0 1 0 2 1 0 0 0	0 0 0 0 0 0 1	0 0 2 0 4 3 0
31	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

PERCENTAGE OF DATA UNAVAILABLE - 0.1

0.5

	STA	TION	· NE	NO	77013)	HANMER	SUDBU	RY	AIRSH	ED					MON	ITH -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	0	0	0	2	2	٥	0	0	0	0	0	0	0	0	1	0		0
2	0	1	ō	1	0	1	1	1	1	1	1	5	43	2	o	ō	ō	ō	Ö	ŏ	ő	ò	ŏ	•	3
3	0	0	0	0	0	0	0	1	3	4	27	5	2	2	9	6	26	12	1	2	5	ŏ	ō	Ó	ā
4	0	0	ō	0	0	0	0	0	o	0	0	ő	ō	ō	ō	ō	0	0	ò	ō	ō	ŏ	ŏ	ŏ	o
5	0	0	0	0	0	0	0	0	o	0	0	0	ŏ	ŏ	ō	ŏ	0	ō	ō	ŏ	ő	ŏ	ŏ	ŏ	ő
6	1	1	1	1	1	0	1	1	1	2	0	ŏ	ŏ	ŏ	ő	õ	ō	ő	ŏ	ŏ	ő	ő	ŏ	ő	ŏ
7	0	0	0	0	0	1	1	2	1	ō	ō	ŏ	ŏ	ŏ	0	ŏ	ō	ĭ	1	ŏ	ő	ŏ	1	ő	ŏ
8	1	1	1	1	1	1	1	1	2	0	0	5	1	4	18	25	10	6	o	ŏ	ŏ	2	2	2	4
9	1	1	1	1	1	1	1	1	2	2	2	0	26	18	0	0	0	ō	ō	ŏ	ŏ	ō	ō	ō	2
10	0	0	0	0	0	0	0	0	0	0	ō	ō	0	0	ō	ō	0	ō	ő	ŏ	ŏ	o	ŏ	ŏ	ō
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	2	1	0
12	1	1	1	1	0	0	1	1	1	2	1	0	1	7	3	1	1	2	1	2	4	2	2	2	2
13	1	0	1	1	1	0	0	1	1	3	1	0	0	0	0	0	0	3	7	3	o	ō	ō	1	1
14	1	1	1	1	2	1	2	1	1	3	0	0	0	0	0	0	0	0	0	ō	0	ō	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	o	o	Õ	ō	0	ō	o
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	0	0	0	o	ō	0	1	1	ŏ	ō
17	1	1	1	1	0	• • • •	1	1	0	1	0	0	0	0	0	0	0	0	1	ī	1	1	1	ĩ	ĩ
18	1	1	1	1	1	1	1	1	1	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
18 19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	o	ō	0	0	ō	ō
21	1	0	1	0	1	1	1	3	1	3	3	2	4	1	0	0	0	0	1	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	1	0	0	0	9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	1	1	1	0	0	1	0	0	٥	0	1	0	0	0	1	3	3	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	٥	0	1	31	25	16	18	10	0	0	2	2	5	1	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 27 28 29	0	0	0	0	0	0	1	0	1	0	٥	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0		• • • •	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	••••	••••	••••	••••	• • • •	••••		• • • •		••••	••••	••••	••••	• • • •	••••	• • • • • •
MEAN	0	0	0	0	0	1	0	1	1	2	2	1	3	2	1	1	1	1	1	0	1	0	0	٥	0.9

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 2.4

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE HANMER SUDBURY AIRSHED STATION - NE NO 77013 MONTH - OCT 9 10 11 12 13 14 15 16 17 18 19 24 MEAN HOUR DAY - DATA INVALID - - DATA INVALID -0 ... - DATA INVALID -DATA INVALID -13 14 15 16 19 20 22 23 24 25 26 27 28 29 30

PERCENTAGE OF DATA VALID - 71.6 PERCENTAGE OF DATA INVALID - 28.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

0 0

MEAN

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION	NE.	NO	77013	ŀ	HANMER	SUDE	BURY A	IRSH	ED					MON	rH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0000000000	0000000000	0 0 0 0 0 0 0 0	000000000	000000000	000000000	0 0 0 0 0 0 0 6 1	0 0 0 0 0 0 0 0 5 1	0 0 0 0 0 0 64 2	0 0 0 0 1 0 0 0 1 4 1	0 0 0 1 0 0 5 5	0 0 1 1 0 0 -	0 0 0 1 9 0	0 0 0 0 0 0 39 0	0 0 1 0 0 0 37	0 0 1 0 0 0 0 21	0010000040	0 0 0 0 0 0 0 0 0 0	000000000	000000000	00000	0 0 0 0 1 0 0 0 0 1	000000001	000000000000000000000000000000000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	0000000000	000000000	000000000	0000000000	0000000000	000000000	0000004000	0000000000	0 0 0 0 0 2 1 0 0	00000000000	000000000000000000000000000000000000000	00000000000	000000000	0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0	000001000	000000000	000000000	0 0 0 0 0 1 1 0 0	0000000000	000000000	000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 0 1 0 1 0 1	0 0 0 0 1 0 0 1	0 0 0 0 1 0 0 1 0 2	0 0 0 1 0 0 1 0 2	0 0 0 0 1 0 0 1 0 2	000000000	0 0 0 0 0 1 0 3	0 0 0 1 0 0 0 0 2	00000000	0000201012	0 0 0 3 0 0 0	0 0 0 1 2	0 0 0 1 1 0 0 0 0	0 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 1	0 0 0 1 0 0 0 1	0 0 0 1 0 1 0	0 0 0 1 0 0 0 1 0	0 0 0 0 0 1 0 1 0	0 0 0 0 0 0 1 0	0 0 0 1 0 0 1 0	0 0 0 0 1 0 0 0
MEAN	0	0	0	0	0	0	1	2	2	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0.7

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

"-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NE NO 77013 HANMER SUDBURY AIRSHED MONTH - DEC HOUR 24 MEAN DAY 2 3 4 5 6 7 8 9 10 24 0 0 14 0 0 0 3 0 0 0 1 12 13 14 15 16 17 18 19 20 0 1 2 1 2 27 3 1 22 23 24 25 26 27 28 29 14 2 2 2 2 2 2 0

PERCENTAGE OF DATA VALID -100.0

MEAN

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

1.6

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

TATION - NE	E NO 77013 HANMER S	UDBURY AIRSHED		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.1	7	39
FEB	29	2.7	7	31
MAR	31	1.1	7	36
APR	29	1.6	4	17
MAY	31	1.5	8	39
NUL	27	2.7	10	74
JUL	31	2.5	7	50
AUG	31	0.7	4	46
SEP	29	0.9	5	43
oc T	19	0.5	3	19
NOV	30	0.7	14	64
DEC	31	1.6	9	47
YEAR	349	1.6	14	74

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION . NE	NO 77013	HANMER SUDBUR	RY AIRSHED			
MONTH OO	TO 04 05 TO	0 10 11 TO 14	15 TO 25 26	TO 39 40	SOVER 1	TOTAL
JAN	658	74 5	4	1	0	742
FEB	642	40 6	7	1	0	696
MAR	706	15 8	8	3	0	740
APR	685	15 3	3	0	0	706
MAY	708	24 4	4	4	0	744
JUN	608	32 10	12	6	2	670
JUL	721	12 2	6	1	1	743
AUG	721	11 2	2	3	1	740
SEP	677	13 1	6	4	1	702
oct	524	6 2	1	٥	0	533
NOV	706	3 1	3	2	3	718
DEC	697	30 8	5	2	2	744
YEAR	8053	275 52	61	27	10	8478

FREQUENCY DISTRIBUTION BY PERCENTILES

PE	RCENT					CONCEN	TRATIONS					
OF	DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
١	ALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	96.5	0	0.0	0.0	0.5	1.4	2,8	4.0	8.8	16.1	74	1.6

UNITS - 0.01 PARTS/MILLION

	STA	TION	NE.	NO 7	77014	B	AYSIDE	SUE	BURY	AIRSH	IED					MON	тн - ,	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9 10	1 2 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 1	0 0 0 0 1 0 0 1	0 0 0 1 0 0 1	1 0 0 0 0 0 0 1 1 0	0 0 0 0 1 0 0 1	0 0 0 1 0 0 1 1	0 1 0 0 1 0 0 0 0 0	1 1 0 0 2 0 0 1 0 1	1 0 0 0 2 0 0 0 1	0 0 0 0 0 0 0 0 0 3	0000500102	1 0 0 0 5 0 0 1 0 2	1000500006	1300500005	1 15 0 1 0 0 0 0 5	0 2 1 0 0 0 3 0 0 3	0 0 1 0 0 1 3	00000000	0 0 0 0 0 1 0 0 5	0 1 0 2 0 0 1 0 1 5	1 1 0 0 0 0 1 0 0	0 2 0 0 1 0 0 0 0 2
11 12 13 14 15 16 17 18 19	6020040006	5 0 2 0 0 16 0 1	4 1 0 0 2 0 0 7	2 1 1 0 0 1 1 1 0 7	2 0 1 0 0 0 0 0 0 7	2 1 1 0 0 0 1 0 0 6	000000000	4 0 0 0 0 0 0 1 0 0	4 0 0 0 0 0 0 0 0 0	4000000000000	3000000000	200000000000000000000000000000000000000	1 0 0 0 0 0 0 0 1 0	1 1 0 0 0 0 0 0 0 1 0	000000000000000000000000000000000000000	1 1 0 0 0 0 0 0 0 1 0	1 1 0 0 3 1 0 0 1 0	1 0 0 0 3 3 1 0 1 0	1 0 0 0 2 0 0 3 1 0	0 0 0 0 3 0 0 7 1 0	0000300850	000000000000000000000000000000000000000	0000800490	0 5 0 5 0 0 3	2 1 0 0 1 1 0 2 1 2
21 22 23 24 25 26 27 28 29 30	0 0 0 1 3 0 0 0	0 0 0 1 2 0 1 0 1 0	0 0 0 2 3 0 1 0	0 0 0 4 2 0 2 0 1 0	0 0 0 2 2 0 0 0 1 0	1 0 0 0 2 1 0 0 0 0 0 0	100210000	0 0 0 1 1 0 0 0 0	1 0 0 1 1 1 1 0 0 0 0 0 0 0 0	0 0 0 1 1 0 0 0 1	000000000	000000000	0000000000	00000000000	0002400000	0007000000	000000000000000000000000000000000000000	0 0 1 7 0 0 0 0 0 0 0	0 0 7 4 0 0 6 0	0 0 1 7 3 0 0 1	0 0 9 6 0 1 0	0 0 1 8 3 0 0 1	0 0 1 6 1 0 0 1 0 0	0 0 0 5 0 1 0 0	0004200000
31 MEAN	0	0	1	0	0	1	1	0	3	3	3	1	0	2	0	0	0	0	0	0	0	0	0	0	0.8

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- S	ULPH	UR DIO	XIDE							U	NITS	- 0.0	1 PAF	RTS/MI	LLIO	N						
	STAT	ION -	NE	NO	77014		RAYSID	E SUD	BURY	AIRSH	ED					MONT	н - г	EB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	EAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0 1	0000000001	0000000001	0 0 1 0 0 0 0 1	0 0 0 1 1 0 0 0 1	0 0 0 1 1 0 0 1 1	0 0 0 0 0 0 0 0 1	0 0 0 0 0 1 0 0 1	0 0 0 1 0 0 1	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0	0000000031	0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 5 0 1 1	0 0 0 0 0 0 0 1	0000004000	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 1	0000000000	0000000010	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 1
11 12 13 14 15 16 17 18 19 20	0 0 0 0 0 1 2 1 0	0 0 0 0 0 1 2 1 0	00000000000	0 0 0 0 0 1 1 0 0	0 0 0 0 4 0 0 19 0	0 0 0 0 1 0 13 0 0	0 0 0 0 1 0 0 0	0 0 0 0 0 1 0 0	0 0 0 0 1 0 0 1	00001	0 0 0 0 1 0 1 1 0 1	0 0 0 0 1 0 1 1 0 1	0 0 0 1 1 1 1 1 5	0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 2 1 1 1 0 25	000011104	0 0 0 0 1 1 1 1 1 1 1 1 1 1 2	0000112105	0 0 0 1 1 2 1 0	0 0 0 0 1 1 1 0 1	0 0 1 1 1 1 1 0 2	0 0 0 3 1 1 1 0 3	0 0 4 1 1 2 0 0 2	0 0 0 3 1 1 3 0 0 1	0 0 0 1 1 1 2 0 4
21 22 23 24 25 26 27 28 29	0 0 1 0 0 0 1	0 0 1 0 0 0 0 0 0	0 0 1 0 0 0 1 0	0 2 0 11 1 1 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 2 0 13 0 0	1 0 1 0 18 0 0	0 0 2 0 11 0 0 1 4	0 0 3 0 0 0 0 5	0 0 2 0 4 0 1 0 3	0 0 1 0 21 0 1 1	0 7 0 1 0 0 1 3	0060140003	005050003	0 0 2 0 0 0 1 2	0 0 1 0 0 0 6 2	0 0 0 0 0 0 14 3	0 0 0 0 0 1 0 7 3	0 0 1 1 1 1 0 4 3	0 0 1 4 2 0 1 3	0 0 0 3 1 0	0 0 0 0 1 2 0 1 2	000013002	0 0 0 0 3 0 1 2	0 0 2 0 5 1 0 2 2
MEAN	0	0	0	1	1	1	1	1	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION MONTH - MAR NE NO 77014 RAYSIDE SUDBURY AIRSHED 24 MEAN HOUR DAY 1 2 0 0 0 0 4 5 6 7 8 9 0 2 0 o 12 13 14 15 16 17 18 19 20 12 0 0 0 0 0 0 7 0 0 11 0 0 5 0 0 3 0 0 15 4 5 2 3 0 0 1 1 0 2 1 0 0 20 Ö 22 23 24 25 26 27 29 1 2

0 0

0 0

PERCENTAGE OF DATA VALID -100.0

0 0

1 0

MEAN

PERCENTAGE OF DATA INVALID - 0.0

0 0

0 0 0 0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

0 1

0 0

0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

1 1

0 0

2. "-" INDICATES DATA IS UNAVAILABLE

0 0

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	r - s	ULPHI	JR DIO	XIDE							Ļ	NITS	- 0.0	1 PAR	RTS/M]	LLION	4						
	STA	TION	NE.	NO '	77014	R	AYSIDE	SUD	BURY	AlRSH	ED					MONT	н - д	PR	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	0 10 0 0 0 0 0 0 0	0 19 0 0 0 0 0 0 0 0 0 0	0 18 0 0 0 0 0	0 15 0 0 0 0 0	0 2 0 0 0 0 0 0 0 0	90000000	090000000	080000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	000000000	0000000000	0000000000	000000000	1 0 0 0 0 0 0 0 0 0	4000000000	N000000000	0000000000	0000000000	0000000000	0000000000	300000000000000000000000000000000000000	300000000	3000000000	1 4 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19 20	0 0 0 1 1 1 1 1 1 1	0 0 0 1 1 1 1 1 1 1 1	0 0 0 1 1 1 1 1 1 1	0 0 0 1 1 1 1 1	0 0 0 1 1 1 1 1	0 0 0 1 1 1 1 1 0	0 0 0 1 1 1 1 1 0	0 0 0 1 1 1 1 1 1 1 1 1	0 0 0 1 2 1 1 1 1	0 0 0 0 1 2 2 1 1 1	0 0 0 1 1 2 1 1 1	0 0 0 0 3 1 1 1 1	0 0 0 0 3 2 1 1 2	0 0 0 0 1 2 1 1 1	0 0 0 0 1 2 1 1 1	0 0 0 0 1 2 1 1 2	0 0 0 0 0 1 2 1 1 2	0 0 0 0 1 1 1 1 2	0 0 0 1 2 1 1 5	0 0 0 1 0 2 2 2 1 2	0 0 0 2 1 2 2 2 1 1	0 0 0 2 1 2 2 2 1	0 0 0 2 1 2 1 2 1 1	0 0 0 1 1 1 1 1 2 1 1	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 1 0	1 1 1 1 1 0 1	1 2 1 2 3 1 1 1	1 2 1 1 2 1 1 1 1	1 1 1 3 1 1 1 0 0	0 1 1 1 4 1 1 0 0	0 1 1 1 3 1 1 1 0 1	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 0 1	1 1 1 2 1 1 0 1	1 1 1 1 1 1 0 1	1 1 0 1 1 1 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 0 1	1 1 0 1 1 1 1 0 1	1 1 0 1 1 1 0 1	1 1 0 1 1 1 1 0 1	1 1 1 1 1 1 1 0 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 1 1 1 1	1 1 0 1 1 1 1 2 1	1 1 0 1 1 1 1 2	1 2 2 0 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION .	NE.	NO	77014		RAYSIDE	SUDE	BURY	AIRSH	HED					MON'	TH - 1	YAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 1 2 1 1 1 1 1 1	3 1 2 2 0 1 1 1	† 0 1 1 2 1 1 1 1 1 1 1	1 0 1 1 2 1 1 1 1	2 0 1 1 2 1 1 1 1 1 1 1	2 0 1 1 2 1 1 1 2 2	3 0 1 1 1 1 1 1 1 1 2	2 0 1 1 1 1 1 1 1 1 0	2 1 1 1 1 1 0 1 1	2 1 1 1 1 0 1 1 1	2 1 1 1 1 0 1 1 1 1	2 1 1 2 1 0 1 1 1	1 1 2 1 1 0 1 1 1	1 12 1 1 2 1 1 0 1	1 45 1 1 2 1 1 0	1 49 1 1 2 1 1 0	1 10 1 1 2 1 1 0	1 4 1 1 1 1 0 1 1 1	1 1 1 1 1 1 0 1	1 2 1 3 1 1 0 1 1	1 1 3 1 1 1 0	1 2 1 4 0 1 1 1 0 1 1	1 1 5 0 1 1 0 1 1	1 1 2 0 1 1 0 1 1	1 6 1 2 1 1 1 1
11 12 13 14 15 16 17 18 19	1 1 3 1 5 1 1 1 1	1 1 2 2 3 1 1 1 1	1 1 1 2 1 1 1 1 1	1 0 2 1 1 1 1 1 1	1 1 2 1 1 0 1 1 1	1 1 2 1 0 0 1 1	1 1 1 3 1 0 0	1 1 2 1 2 0 1 1	1 1 2 10 4 1 1	1 1 1 2 45 4 1 1	1 1 1 25 3 1 1	1 1 1 1 8 1 1 1 1	1 1 1 1 2 1 1 1 1 1 1	1 1 1 1 2 1 1 1 1 1	1 1 1 1 1 2 1 1 1	1 1 1 1 1 2 1 1 1	1 1 1 1 2 1 1 1	1 1 1 1 1 1 1 1 2	1 1 2 1 1 3 1 1 1 2	1 1 2 1 2 3 1 1 1 2	1 2 2 1 11 2 1 1	1 2 2 2 9 2 1 1 1 1	1 2 3 2 6 1 1 1 1 1	1 1 6 2 5 1 1 1	1 1 1 2 5 2 1 1 1
21 22 23 24 25 26 27 28 29	1 1 0 0 0 2 2 2 4 4	1 1 0 0 0 0 2 2 3 3 3	1 1 0 0 0 1 1 4 2 3	1 1 0 0 0 1 1 4 2 2	1 1 0 0 0 2 1 4 2 2	1 1 0 0 0 2 1 3 2 2	1 1 0 0 0 1 1 2 3	1 1 0 0 0 0 1 1 1 2 1	1 1 0 0 0 2 2 12	1 0 0 0 0 0 1 3 3	1 0 0 0 2 1 2 1	1 1 0 0 0 2 1 2 2 5	1 1 0 0 2 2 1 2 10 2	1 1 0 0 2 4 1 2 7	1 1 0 0 2 4 1 2 1 1 1	1 1 0 2 4 1 2 12	1 1 0 1 4 1 2 28 1	1 1 0 1 3 1 2	1 1 0 1 3 1 2 2 2	1 1 0 0 1 2 1 2 2 2	1 1 0 0 1 2 2 3 3 3	1 0 0 2 2 2 4 4 4	1 1 0 0 3 1 2 5 6 4	1 1 0 0 2 2 2 4 5 5	1 1 0 0 1 2 1 3 5
31	5	5	4	6	5	5	4	2	1	1	2	4	* * * *	5	0	0	0	0	0	٥	0	0	0	0	2
MEAN	2	2	1	1	1	1.	1	1	2	3	2	1	1	2	3	3	2	1	1	1	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.7

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - NE NO 77014 RAYSIDE SUDBURY AIRSHED MONTH - JUN HOUR 24 MEAN 12 13 14 15 16 17 18 19 20 0 0 22 23 24 25 26 27 28 29 30 Ó o 0 0 0

PERCENTAGE OF DATA VALID - 98.8

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

1.2

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

															-										
	STA	TION	NE	NO	77014		RAYSIDE	SUD	BURY	AIRSH	HED					MONT	н - ,	JUL	76						
HOUR DAY	t	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 1 3 0 1 0 1 3	0 0 0 0 3 0 1 0 0 2	0 0 0 1 0 0 1 5	0 0 0 1 0 0 1 2	0 0 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 1	0 0 0 1 0 0 0 1	0 0 0 0 0 0 0 1	0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0	0000000000	000000000	0 0 0 0 0 0 1	0000000000	000000000	000000000	000000000	0 0 1 0 0 0 0 0 0 0	0 0 1 0 0 0 1 0 0	0 0 1 0 1 0 1	0 0 1 0 0 0	0 0 1 0 0 1 0 0	0 0 0 1 0 0 0 1 1
11 12 13 14 15 16 17 18 19	000000000	0000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0	000000000	000000000	000000000	0 0 0 1 0 0 0 0 0	0 0 0 0 0 0 0 0	0000000000	0000000000	0 0 0 0 0 0 0	0 0 0 7 0 0 0 0 0	0000000000	000000000	0000000000	000000000	00000000	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 2	0 0 0 0 0 0 0 3	0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	3 1 0 0 0 0 0 1 0 0	3 1 1 0 1 0 0 1 0 0	2 1 0 0 0 0 0 0 0 0 0	2 0 1 0 1 0 0 1 0 0	3 0 1 0 0 0 0 0 1 1 0 1	1 0 0 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0	00000000	0200000000	0 0 0 0 0 0 0 4	000000000	000000003	000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	1 0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 1
31 MEAN	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- * INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- S	ULPHL	R DIO	XIDE							Į,	JNITS	- 0.0	DI PAR	RTS/M	LLION	N						
	STA	TION -	NE	NO 7	77014	R	AYSIDE	SUD	BURY	AIRSH	ED					MON	гн д	UG	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 0 0 1	1 0 0 0 0 0 0 1 1	1 0 0 0 0 0 0 0 1 0	1 0 0 0 0 0 1 1	2 0 0 0 0 0 0 1 0 2	0 0 0 0 0 0 0 0	000000000	00000000	000000000	000000000000000000000000000000000000000	0 0 0 0 0 7 0 0 0	0 0 0 0 0 13 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000006102	0000006040	000000000000000000000000000000000000000	00000000000	0 0 0 0 0 1 0 1 0	000000000	000000010	0 0 0 0 0 0 0 1 0	0 0 0 0 0 1 1 1 0	0 0 0 0 0 1 0 1 0	1 0 0 0 0 0 1 2 0	0 0 0 0 0 2 0 1 0
11 12 13 14 15 16 17 18 19	0 1 0 0 0 0 1 0 0 0	1 0 0 0 0 0 0 0 0 1	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 1 0	000000000	0000000000	000000000000000000000000000000000000000	00000000000	0000000000	0 0 0 0 0 0 1 0 0	0000000000	000000000	000000000	0000000000	0000000000	000000000	0000000000	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 1 1 1 0 0	0 0 0 0 1 1 1 0 0	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29 30	0000000000	000000100	0 0 0 0 0 0 1 0 0	1 0 0 0 1 1 0 0 0 0	1 1 0 0 1 0 0 0 0 0 0 0	1 0 0 0 1 0 0 0 0 0	1 1 0 0 0 1 1 0 0 0 0	000001000	0000000000	0001005000	0 0 0 1 0 0 3 0 0	0000000000	0 0 0 0 0 0 0	0000000000	0000000000	000000000	0000000000	000000000	0000000000	0000000000	000000000000000000000000000000000000000	0 0 1 0 0 0 3 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	000000000000000000000000000000000000000
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	MOITA	- NE	NO	77014	į.	RAYSID	E SU	DBURY	AIRS	HED					MON	HTH -	SEP	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 2 0 0	0 0 4 0 0	0 0 3 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	0 12 0 0 0	0 55 0 0	0 0 0 0 0	0 0 0	0 0 0 0 0	0 0 0	000000	0 0 1 0 0	0 0 1 0 0	0 0 1 0 0	0 0 1 0 0	0 0 1 0 0	00000	0	0	3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
7 8 9 10	0 0 0	0000	0 0	0000	0000	0000	0	0 0 0 0	0000	0 0 0	0 0 2 0	0 0 0	0000	0 0 0	0 0 0	0 0	0000	0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0	0 0 0	0 1 0	(
11 12 13 14 15 16 17 18 19	0 0 0 0 0 0 0 0	****	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0 0 *** 0 0 0 0 0	000000000000000000000000000000000000000	0000000	****	****	00000000	000000000000000000000000000000000000000	****	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	***	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	*****	* * 00000
21 22 23 24 25 26 27 28 29	0 0 0 0 0 0 0 0	000000000	00000000000	0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000	0 0 0 0 0 0 0 0 0	000000000	0000000000	200000000	4000000000	1 0 0 0 0 0 0 0 1	100000000000000000000000000000000000000	4 0 0 0 7 0 0 0	0 0 0 12	000000000000000000000000000000000000000	0000000000	30000000	0000000000	00005000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000		2
MEAN	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0.2	2

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.9

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- * INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- S	ULPHU	R DIOX	IDE							u	NITS	- 0.0	1 PAR	RTS/MI	LLION	ı						
	STAT	ION -	NE	NO 7	7014	R	AYSIDE	SUDBU	RY	AIRSH	ED					MONT	тн - с	CT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0000500000	0000400000	0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0	000040000	0 0 0 2 0 0 0 0	0000000000	0 0 6 1 1 0 0 0 0 0	0 0 3 0 1 0 0 0	0 0 0 0 0 0 0 0	0 0 0 2 1 0 0 0 0 0	0 0 0 1 2 0 0 0 0 0	0 0 0 0 2 0 0 0 1 0	0 0 0 5 2 0 0 0 1 0	000030000	000220000	0 0 0 0 0 0 0 0	0000000000	0000000000	000100000	0 0 0 0 0 0 0 0	0 0 3 0 0 0 0 0 0	0 0 0 1 2 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0 1 0 0 0 0 0 0 0 0	0000000000	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1	000000000000000000000000000000000000000	0 0 0 0 0 0	0 0 0 0 0 0 0 1 1	1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0	100000000	1 0 0 0 0 0 0 0 0 0 0 0	0100000000	000000000000000000000000000000000000000	0000000000	0000000000	000000000	0000000000	0000000000	200000000	100000000	0000000000	000000000000000000000000000000000000000	0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	0000000000	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000	000000000	000000000	0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0	0000000000	000000000	0000000000	000000000	0000000000	0000000000	0000000000	00000000	0 0 0 0 0 0 0 0
31	0	0	0	0	0	2	3	3	3	4	0	0	٥	0	0	0	0	0	٥	0	0	0	0	0	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION	· NE	NO	77014	0	RAYSID	E SU	DBURY	AIRS	HED					MONT	TH - N	VOV	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
	٥	0	0	0	0	0	٥	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	2	2	2	1	0	0	1	0	0	0	0	0	0	0	0	* * * *	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	o	0	0	0	0
4	0000	0	0	0	0	٥	0	0	0	0	1	1	1	0	٥	0	0	0	0	0	0	0 0 0	0	0	0
5	٥	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	О	0	0	0
7	0	0	0	0	0	0	0	0	О	0	0	0	0		0	0	0	0	0		0	0	0	0	0
8		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0
9	0	0	٥	1	0	0	0	0	0	0	٥	٥	0	0	0	0	0	0	0	1	3	1	0	1	0
10	1	0	0	0	0	2	3	2	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	0
1.1	0	0	0	0	0	0	0	0	0	0	D	0	0	0	0	0	0	0	0	1	0	0	0	0	0
12	o	0	ō	0	0	0	0	0	ō	0	1	1	0	0	1	0	0	0	0	0	ō	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
20	•	-	-	-	*		**	, = 1	•	-		***	0	0	0	0	0	0	2	0	0	0	0	0	*****
21	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	O	٥	0	0	0	0	0
22												-	DATA		ID -										
23	****	****	****	****	****	****	****	***	****	****	****	****	٥	0	0	0	0	0	0	0	0	0	0	0	*****
24 25 26 27	0	0	0	0	0	0	0	0	0	0	1	3	4	2	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	٥	0	1	0	1	0	٥	0	0	0	0	0	0	0	0	0	0	0	o
26	0	Q	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1	2	2	2	2	2	1
27	0	O	0	0	٥	0	٥	0	О	1	0	0	0	0	0	0	0	٥	0	0	0	0	٥	0	0
28 29	1	1	1	1	1	3	1	3	2	2	1	1	0		0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	1	0	0	1	1	0	1	1	1	0	0	0	1	1	1	0	0	1	1	1	1	1
30	2	2	2	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	1	0	0	1	1
MEAN	٥	٥	0	0	0	0	0	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 93.2 PERCENTAGE OF DATA INVALID - 5.1

PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	UTANT	- s	ULPHU	JR DIO	XIDE							t	INITS	- 0.0	1 PA	RTS/M	LLIO	N						
	STAT	TION -	NE	NO 7	77014	R	AYSIDE	SUD	BURY	AIRSH	IED					MON	гн - (DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 0 0 0 1 0 1 0 0 2	2000210100	1 0 0 0 1 0 1 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 1 0 0	000000000	0000000000	0 0 1 0 0 0 0 1 0	4 0 1 0 0 0 0 1 1 0	3 0 0 1 0 0 0 0 0 0	2001000000	1 0 0 16 0 0 0 1 0 0	000900000	000200000	0 0 0 13 0 0 0 0 11 0	0 0 1 1 0 0 0 0 27	0 0 1 0 0 1 1 0 0	00000000000	0 0 2 0 0 2 0	0 0 3 0 0 0 0 0 0 0 0 0 0 0	0040000000	0 0 2 0 0 0 2 2 0	0 0 3 1 1 1 1 0 12 0	0 0 3 1 0 1 1 0 9 0	1 0 1 5 0 0 0 0 5 0
11 12 13 14 15 16 17 18 19	0001002000	0002008010	0002023010	0001020010	0 0 0 1 0 0 9 0	0 0 0 1 0 0 1 8 0	0000000000	0 0 0 0 0 1 4 0 2 0	0 0 0 0 1 4 0 1 0	000000000000000000000000000000000000000	5000012020	300000000000000000000000000000000000000	1 0 0 4 1 0 1 0	5 0 1 0 0 8 1 5 2 0	5 0 1 0 7 1 26 3	0 1 0 11 5 1 0 2	0 0 1 0 6 4 0 0 2 0	0 0 1 0 0 5 0 0	0 0 2 0 0 9 0 0 1 0	0 0 1 0 0 35 0 0	0 0 1 0 0 45 0 0	0 0 1 0 0 43 0 0	0 2 0 3 17 0 0	0 0 1 0 9 1 0 0 0 0	1 0 1 0 1 8 1 1 2
21 22 23 24 25 26 27 28 29	0 0 1 0 0 0 0 5 1 0	0 0 1 0 0 0 0 5 1 0	0 3 1 0 0 0 3 1 0	0 0 0 0 0 3 1 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 0 1 0 3 1 0	0 0 0 0 0 0 0 1	0 1 0 1 0 0 0 3 1 0	0 1 0 4 0 0 0 3 1	0 2 0 3 0 0 0 3 0 0	0 1 0 6 0 0 0 3	0 1 0 5 0 0 0 0 0 0 0	0 1 0 4 0 0 0 4 0 0	0 1 0 4 0 0 0 4 0 0	0 1 0 2 0 0 0 3	0 1 1 0 0 3 1 0 0	0 1 1 0 0 3 0	0 3 1 0 0 3 0 0	0 3 0 0 1 0 0 0	0 4 0 0 0 0 0 0 0 0	050000000	0 3 0 0 0 0 4 2 0 0	0 3 0 1 0 7 1	0200008000	0 2 0 1 0 0 1 2 0 0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	0	1	1	0	0	1	1	1	1	2	2	2	2	1	1	1	2	2	3	2	1	1.1

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - 1	NE NO 77014 RAYSIDE SUDBURY	AIRSHED		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.8	4	22
FEB	29	0.8	5	40
MAR	31	0.7	3	31
APR	30	0.7	4	19
MAY	31	1.7	6	49
NUL	30	1.2	7	65
JUL	31	0.2	Ĩ	21
AUG	31	0.3	2	28
SEP	28	0.2	3	55
OCT	31	0.2	2	10
NOV	27	0.2	1	5
DEC	31	1.1	8	45
YEAR	361	0.7	8	65

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SU	LPHUR DIOXI	DE			UN	ITS - 0.0	1 PARTS/MILLION
STATION - NE	NO 77014	RAYSI	DE SUDBURY	AIRSHED			
MONTH OO	TO 04 05	TO 10 1	1 TO 14 15	TO 25 26	TO 39 40	&OVER	TOTAL
JAN	700	38	1	3	0	0	742
FEB	671	12	7	4	0	1	695
MAR	714	22	6	1	1	0	744
APR	711	5	1	3	0	0	720
MAY	708	22	7	1	1	3	742
JUN	682	16	4	7	1	1	711
JUL	736	5	0	1	0	0	742
AUG	733	7	2	0	1	٥	743
SEP	685	3	3	0	0	1	692
OCT	736	7	0	0	0	0	743
NOV	670	1	O	O	0	0	671
DEC	705	24	5	3	4	3	744
YEAR	8451	162	36	23	8	9	8689

FREQUENCY	DISTRIBUT	ION BY PE	ERCENTILES									
	PERCENT					CONCEN	TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	98 9	0	0.0	0.0	0.0	0.0	1.1	2 4	5.0	p n	6=	0.7

	STA	TION	- NE	NO	77015	5	GARSON	N SUE	BURY	AIRSH	ED					MON	TH	MAL	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	0 0 2 0 0 0 4 1	0 0 3 0 0 0 5 0	0 0 5 0 0 0 5 1	0 0 0 0 0 1 1	0 0 3 0 0 1 0	0 0 1 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 1 2 0	0 0 4 0 4 2 0	0 0 3 0 1 2 0	0 0 0 0 3 0	0 0 0 0 0 1 0	0 0 0 0 3 0	0 0 0 0 0 2 0	000000000000000000000000000000000000000	0 0 0 0 3 0	0000030	0000030	0 0 0 0 0 3 0	00000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 3 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 4 0	0 0 1 0 0 2
9	****		• • •	****	****	****	****	***	••••	****	0	0	1	-1	1	1	2	1	1	1	1	1	1	1	*****
10	1	1	0	0	0	0	0	0	0	0	1	2	1	3	3	4	3	2	2	3	3	3	2	2	2
11 12 13 14 15 16 17 18 19	1 0 0 0 0 1 0 0 0 2	1 0 0 0 1 0 0 0 2	2 0 1 0 0 1 0 0 0 2	1 0 1 0 0 1 0 0 0 2	4 0 0 0 0 0 0 0 0 1 2	7 0 1 0 0 0 0 0 0 0	1 0 0 0	13 0 3 0 0 12 0 0 3	10020080000	902000010	14 0 2 0 0 0 0 1 1 0	34 1 0 0 0 0 2 1	10 0 0 0 1 1 0	14 0 1 0 1 0 0 0 1 0	10 0 2 0 4 0 0 0 1 0	1000100020	1 0 0 0 1 1 3 0 1 0	0000227010	1 0 0 3 2 4 0	1 0 0 0 2 0 0 1 1 0	1 0 0 0 1 0 0 2 2 0	1 0 0 0 3 0 0 2 2 0	0000600224	0 0 0 2 0 0 1 2 3	6 0 1 0 1 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 0 3 19 2 - 3 0	0 0 0 0 4 19 2 - 1 0	0 0 0 3 18 2 - 1 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 2 5 2 1	0 0 2 1	0000112		0 0 0 0 2 . 0 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000001	0000004001	0 0 2 1 2 3 3 0 0 1	0 0 34 1 0 1 0	0 0 34 0 0 4 0	0 0 25 0 0 1 0 0	0 0 1 1 1 0 1	0 0 9 13 0 1	0 0 0 2 7 3 0 1 0 0	0004220100	0006220300	0 0 2 5 1 0 4 1	0 0 0 3 18 1 0 3	0 2 4 3 4 2
31	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	1	1	2	5	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	ĵ	4	1	1	1.	Ť	1	1.2

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 4.2

PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	· - s	ULPH	UR DIO	XIDE							ı	JNITS	• 0.0	DI PAR	RTS/MI	LLIO	N						
	STA	TION -	NE	NO	77015	G	ARSON	SUDB	URY A	IRSHE	D					MON	тн - г	EB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	0 0 0 0 0 0 5 0 1	0 0 1 0 0 0 1	0 0 0 0 0 0 0 1	1 0 3 1 0 0 0	002000001	0 0 0 0 0 0 1	00200001	0 0 1 0 2 2 0 0 1 2	0 0 0 0 2 1 1 0 0 2	0000040000	0 0 0 0 1 4 0 0 0 3	000000000	0 0 0 0 1 0 0 1	000000001	0000000000	0 0 1 0 0 0 1	0 0 1 0 0 0 0 1	0 0 0 0 0 1 1	0 0 2 0 4 0 0 0 1 0	0 0 1 0 0 0 0 1 0	000000000000000000000000000000000000000	0 0 0 0 0 0 1 0	0 3 0 0 0 0 1 0 1 0	0 0 1 1 0 0 0 1
11 12 13 14 15 16 17 18 19	00300000	0 4 0 0 0 24 0	000000000	000000000	0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0	0000100000	0 0 0 1 1 0 0 0 0	0 0 0 0 1 1 0 0 0 0	0000110002	000001000	0 0 0 4 1 0 3 0 0	0 0 3 1 1 0 8	0 0 0 1 1 0 15 0 0	0 0 0 1 1 1 0 4 0 1	0 0 0 1 1 1 0 0 0 0	0 0 0 1 1 0 0 0 0	0 0 0 1 1 0 0 0	0 0 0 0 1 1 0 30 0 0	0 0 0 1 1 0 6 0 0	0 0 0 0 1 1 0 0	0 0 0 1 8 0 0	0 0 0 0 1 6 0 0 0 0	0 0 0 1 1 1 3 0 0
21 22 23 24 25 26 27 28	0 0 3 1 0 1 0 0	000000000	0000000	0 0 1 4 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0	0 0 0 0 0 0 0	0 0 0 0 0 0	1 0 0 1 0 0 0 0	1000	207000	4 0 0 1 0 0 0	1 0 1 1 0 0 0 0 0 0 0	0 0 0 0 0 0	0000060	000000000000000000000000000000000000000	00000040	00000000	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 1 0 5 0 0	0 0 0 1 0 4 0 0	0 0 0 0 1 2 2 0 0	002000	0 0 1 0 1 1
MEAN	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	0	1	1	0.5

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "." INDICATES DATA IS UNAVAILABLE
- 3. " *** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NE NO 77015 GARSON SUBBURY AIRSHED

UNITS - 0.01 PARTS/MILLION

MONTH - MAR 76

	217	11011	1332	110	1010		MINOON	3000	on ,	41 1/2/11						MOM		MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 1 0 0 0 0 0 0 0 2	0 1 15 1 0 0 1 0 3	0 1 9 1 0 0 0 0 3	0 0 14 2 1 0 0 0 0 3	009200003	0 0 4 2 0 0 0 0 0 3	0 0 1 2 1 0 0 0 0 3	0 0 1 1 3 0 0 0 0 2	0 0 0 1 6 1 0 0 0 1	0 0 2 1 0 1 0 0 1	0 0 2 1 0 1 0 0 1	0 0 1 1 2 0 2 1 1	0007030590	0 0 0 6 2 1 0 9 2 0	1 0 6 5 3 0 1 7	1 0 0 4 8 2 0 2 4 0	0 0 1 2 0 4 0	0 0 4 0 2 0 3 0	0 0 0 3 0 2 0 1 0 0	1 0 0 1 0 1 0 0	1 0 0 1 0 3 0 0	1 0 0 0 0 0 0 0 0 0	100000100	1 13 0 0 0 0 0 0 0 0 0 0 1 0	0 1 2 2 1 1 0 1
11 12 13 14 15 16 17 18 19	0700020000	0300000000	030000000	0 1 0 0 0 0 0 0 0 0	0 1 1 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 1 0	000000010	000000010	0 0 0 0 0 0 1 0	0 0 0 3 0 0 0 1 0	0 0 0 0 0 0 1 0	000600000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 0 0 1 3 0 0 0 3 0	11 0 0 0 3 0 0 0	12 0 0 0 0 0 0 0 0 0	14 0 0 0 5 0 1 0 0 0	17 2 0 0 3 0 1 0	19 0 0 0 3 0 1 0 0 0	6000300000	3 0 0 0 3 0 0 0 1	4 1 0 1 1 0 0 0
21 22 23 24 25 26 27 28 29	0000000000	0000000000	000000000	1 0 0 0 0 0 0 0 0	0 0 1 0 2 0 0 0 0 0 0	004020000	0 0 3 0 2 0 0 0 0 0 0	202000000	1 0 3 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	000000000	0 4 4 0 0 0 0 0 0 0	0510000000	0 6 3 0 0 0 0 1 0 0	0420000000	0 1 1 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 5 5	00000000000	0000000000	0 0 0 0 1 0 0 9 0 2	0000000602	0000000000	0 0 0 1 0 0 0 5 0 0	0 1 1 0 0 0 0 0 4 0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	1	1	1	1	0	0	0	0	O	1	1	1	1	1	1	3	1	í	1	1	1	1	0.8

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - NE NO 77015 GARSON SUDBURY AIRSHED MONTH - APR HOUR 24 MEAN DAY 3 4 5 6 7 8 9 ō 12 13 14 15 16 17 18 19 20 0 0 2 6 0 1 22 23 24 25 26 28 MEAN 0.6

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	NE.	NO	77015		GARSON	SUDE	BURY	AIRSH	ED					MON	TH - I	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000	1 0 0 0 0 1 0 0 0	0 0 0 0 1 0 0 0	00000000	000000000	000000000	000000000000000000000000000000000000000	1 0 0 0 0 20 0 0	1 0 0 1 13 0 0	0 3 0 1 1 1 0 0 0 0 0	0 7 0 1 1 0 0 0 0 0	0 30 0 0 0 0 0 0 0	0 13 0 0 0 0 0 0 0	100410000	0 0 0 0 0 0 0 0 0	0 0 0 11 1 0 0 27 0	0 0 0 8 0 0 1 14 0	0 0 0 0 0 1 1 1 0 0	0 0 0 0 0 0	0 0 0 0 1 0 4 0 0	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 1 0 2 0 3
11 12 13 14 15 16 17 18 19	0 0 0 1 0 0 0 0	0000000000	0 0 0 1 0 0 0 0 0	0 0 4 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0	004000000	0 0 11 1 0 0 0 0 0 0 0 0 0	0 0 4 0 1 0 0 0 0 0	0 0 0 0 0 0 0	0 0 19 1 0 0 0 0 0 0 0	0022000000	000000000000000000000000000000000000000	00700000	000000000	0000000000	000000000	0000000000	0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0	0 3 0 0 0 0 0 0 0 0	060000000	0 5 1 0 1 0 0	0 0 1 0 2 0 0 0	0 0 1 0 2 0 0 0 0 0 0	0 1 3 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 1 1	100000011	0 0 0 0 0 0 0	000000001	0 0 0 0 0 0 1	00000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1	00000006	0 0 0 0 0 0 2 46	000000122	0 0 0 0 0 1 1 2	0 0 0 0 2 1 0 0 1 1	0 0 0 0 1 2 0 1 1	000004	00000	00000719001	0 0 0 0 14 0	0000040000	0 0 0 0 0 0 4 1	0 0 0 0 0 1 1 0	0 0 0 0 0 0 1 1	0 0 0 0 0 0	000000012	0 0 0 0 1 2 0 1 3
31	1	2	2	2	1	1	1	2	3	4	10	6	2	5	14	1	1	1	0	0	0	0	0	0	2
MEAN	0	0	0	0	0	0	1	1	1	3	1	1	1	1	1	2	2	1	0	0	0	0	0	0	0.7

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION NO 77015 GARSON SUDBURY AIRSHED MONTH - JUN HOUR 24 MEAN DAY O o 0 2 o .. 9 - DATA INVALID -DATA INVALID 8 9 O 6 2 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE - DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVALLABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE DATA UNAVAILABLE - DATA UNAVAILABLE UNAVAILABLE - DATA UNAVAILABLE

PERCENTAGE OF DATA VALID - 22.8

MEAN

PERCENTAGE OF DATA INVALID - 11.7

4 2

PERCENTAGE OF DATA UNAVAILABLE - 65.6

2.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

154

POLLUTANT - SULPHUR DIOXIDE

YEAR

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77015 GARSON	SUDBURY AIRSHED		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
NAL	28	1.2	6	34
FEB	29	0.5	3	30
MAR	31	0.8	4	55
APR	30	0.6	6	37
MAY	31	0.7	3	46
JUN	5	2.1	6	36

0.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

			S. C.					
POLLU	TANT - SUL	PHUR DIOX	IDE			Ì	UNITS - 0.0	1 PARTS/MILLION
STAT	ION - NE	NO 77015	GARSON	SUDBURY A	IRSHED			
	MONTH OO	TO 04 05	TO 10 11	TO 14 15	5 TO 25	26 TO 39	40 &OVER	TOTAL
	JAN	668	19	6	6	3	0	702
	FEB	682	10	0	2	1	0	695
	MAR	711	23	6	3	0	1	744
	APR	698	12	4	2	3	0	719
	MAY	717	14	7	3	2	1	744
	JUN	151	5	1	3	4	0	164
	YEAR	3627	83	24	19	13	2	3768

FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA VALID CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 ARITH MIN 10 30 98 99 MAX MEAN 86.3 0 0.0 0.0 0.0 0.0 3.2 1.5 8.4 13.5 55 0.8

ASH ST WATER TANK. STATION - NE NO 77016 SUDBURY MONTH - JAN HOUR 24 MEAN DAY o ō 22 0 ** ...0 27 MEAN

PERCENTAGE OF DATA VALID - 92.5

PERCENTAGE OF DATA INVALID - 5.0

PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- " INDICATES DATA 15 UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK. SUDBURY MONTH - FEB HOUR В 24 MEAN DAY Ò 7 ō o 0 2 DATA INVALID -27 0 MEAN

PERCENTAGE OF DATA VALID - 86.5

PERCENTAGE OF DATA INVALID - 12.5

PERCENTAGE OF DATA UNAVAILABLE - 1.0

1.5

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION . NE NO 77016

UNITS - 0.01 PARTS/MILLION

MONTH - MAY 76

	3	AITU	14 - 140	- NC	770.0	6	MOU 3	I WA	ER IA	INK.	20080	URT				MON	1 M	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	. 19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 4 1 1 2 1 4 2 2 2	0 4 1 1 3 1 6 2 2	2 1 0 3 2 6	0 2 1 0 2 2 3 1 2 2	0 2 1 1 1 2 2	0 3 ***** 0 2 1 1 1 2 2	0 3 ***** 0 2 1 1 1 4 2	0 6 0 0 2 20 1 1 3	0 4 0 5 2 16 1 1 2	0 4 0 3 2 5 1 1 2 0	1 7 0 9 2 1 0 1 2	1	240532060	3 3 10 2 2 0 24 2	32201420	2 3 4 6 2 1 5 2 0	2 3 - 4 3 **** 1 5 2	2 2 2 2 3 3 0	2 3 **** 2 1 2 0 5 2	3 4 1 2 5 1 3 2 0	3 5 1 2 2 2 1 5 2 0	3 1 2 2 2 1 4 2 1	3 2 1 2 2 2 4 2 0	10 2 1 2 1 4 1 2 2	2 3 ****** 3 2 3 1 4 2
11 12 13 14 15 16 17 18 19	0 1 3 5 7 10 2	0 1 3 5 - 8 7 2 3	1 9 5 - 8 7	3 1 22 5 7 7 3 3	0 1 11 4 - 7 7 2 3	0 1 10 4 - 7 7 2 4	0 1 5 4 - 7 7 2 4	1 7 4 7 6 2 4 1	1 7 4 - 7 6 **** 3 1	0 6 4 6 4 1 0	0 1 6 2 7 2 1 0	1 4 2 6 2 2 0 1	1 5 2 6 2 2 0 0	1 4 4 - 7 2 2 0 0	7	0 1 4 6 7 0 2 1 0	1 2 4 9 6 1 2 1 0	1 4 4 6 **** 6 2 2 0 0	1 6 5 8 7 7 2 2	1 4 4 8 7 7 2 2 0 0	1 3 4 11 7 7 2 2 0	1 7 5 9 7 7 2 2 1 0	1 3 5 6 10 7 2 2 1	1 2 5 6 10 7 3 3 1	1 2 6 5 ****** 7 4 2 1
21 22 23 24 25 26 27 28 29 30	1002200012	1 0 2 2 0 0 0 1 1	0 2 2 0	1002200011	1 0 2 2 0 0 0 1 2	0002200011	0 0 0 2 2 0 0 0 1 1	100022200011	0 0 0 2 1 0 0 3 1 2	2001000222	2001001222	0 0 0 1 0 1 3 2	0 0 1 2 - 1 4 0 2 1	0 0 1 2 3 2 1 8 0 2 1	0 0 1 2 1 17 9 0 1	0 1 2 0 1 3 0 0 1 1	26 3 0 1	0 0 1 2 0 5 5 0 1 2	0 1 2 0 2 16 0 2 6	0 1 2 0 8 8 0 4	0 0 1 2 0 4 3 0 5 1	0 0 1 2 0 0 21 1 1	0 0 1 2 0 0 0 1 1	0 0 1 2 0 1 2 1	0 0 1 2 1 3 4 0 2 2
31 Mean	2	2	_	1 3	2	1	2	2 3	1 3	1	2	6 2	1	2 3	4 3	3 2	1 3	1	1	1	0 2	0	0 2	0 2	2 2.4

PERCENTAGE OF DATA VALID - 93.0

PERCENTAGE OF DATA INVALID - 3.4

PERCENTAGE OF DATA UNAVAILABLE - 3.6

***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

.. INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ASH ST WATER TANK. SUDBURY

UNITS - 0.01 PARTS/MILLION STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JUN HOUR 24 MEAN DAY 2 3 4 5 6 7 8 9 18 0 0 0 0 2 26 0 45 4 1 5 0 0 3 49 34 0 45 0 56 0 6 3 5 1 4 1 2 1 2 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 0 0 13 0 0 1 2 0 0 0 2 16 0 8 2 0 0 4 4 10 1 0 0 1 1 0 27 1 2 0 0 6 0 7 0 2 1 36 0 2 35 1 4 0 0 2 0 0 2 2 Ó 25 0 12 0 0 0 5 13 2 0 MEAN 3.0

PERCENTAGE OF DATA VALID - 98.5

PERCENTAGE OF DATA INVALID . 0.6

PERCENTAGE OF DATA UNAVAILABLE - 1.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION .	- NE	NO	77016	3	ASH S	T WAT	ER TA	NΚ,	SUDBU	JRY				MON	тн -	JUL	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0 1 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	000000000	000000000	0 1 0 0 0 0 0 0 0	**** 0 0 0 0 0 3 0 0 1	1 1 1 0 7 0 0 0	1 1 0 1 1 4 0 0	0 0 0 1 3 4 0 0 0 ***** 1	1 0 0 1 1 3 0 0 9	0 0 1 0 1 0 4 2	1 0 0 0 1 7 1 0 3 1	1 0 0 0 1 0 1 0 2	2 0 0 0 0 1 0 0 0 0 3 1	2 0 0 0 0 1 0 0 0 1 1	1 0 0 0 1 2 2 0 1 0	1000806010	1 0 0 7 0 2 0 1	1 0 0 0 1 0 0 0	1 0 0 0 4 0 2 0 1 1	1 0 0 1 12 0 0 0	1 0 0 1 2 0 0 0 1 1	1 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 1 1		1 0 0 0 2 1 1 0 1 1
11 12 13 14 15 16 17 18 19	1 1 10 7 0 0 0	1 1 6 3 0 2 0 1	1 1 0 5 1 0 6 5 1	2 1 2 1 5 7 18 1	9 1 0 11 2 1 6 21	10 1 23 1 2 10 24 1	5 0 11 1 2 6 6	1 1 0 - 1 16 13 8	1 1 0 9 1 8 5 1	1 0 - 0 - 1 1 5 4	1 0 0 0 12 6 2	1 **** - - 4 0 0 1 3 1	1 **** 0 6 0 0 9 2 7	1 **** 1 2 0 0 0 3 4 4	1 0 1 2 0 0 0 1 4	1 0 1 2 0 0 6 7	1 0 1 2 0 0 3 7	1 0 1 1 0 0 2 5	1 **** 0 1 1 **** 0 1 3 0	1 1 1 0 0 5 1 0	1 1 1 0 0 0 0 1 0	1 1 2 1 0 0 0	1 1 1 1 0 11 0	0 - 1 4 3 0 0 0 1 0	****	
21 22 23 24 25 26 27 28 29	0 0 0 0 0 0 0 0 13	0 0 0 0 0 0 0 0 0 18	000001005	000000	00000.000	0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 5	0 0 0 0 0 0 0 2	0 0 0 0 4 0 0 2	0 0 0 0 2 1 0 0	0 0 ***** 0 0 3 0 0 0 4	0 0 1 0 0 1 0 -	0 0 0 5 0 0 0 1	000000000000000000000000000000000000000	0 0 0 0 8 1 0 0	350000	005000004	0 4 0 6 1 0 0	0 2 0 1 3 0 0	0 0 1 0 1 13 0 0 0 3	0 0 1 0 2 18 0 0	0 3 0 6 0 1 5	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 1 0 4 2 0 0 1 3
31	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	٥	0	0	0		0
MEAN	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	2	3	•	4	-		- 2	- 6			

PERCENTAGE OF DATA VALID - 93.4 PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 4.2

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- S	ULPH	UR DIO	XIDE							Ų	NITS	- 0.0)1 PAF	RTS/MI	LLION	N.						
	STA	TION -	NE	NO	77016		ASH ST	WATER	TAN	κ.	SUDBUR	Y				MONT	TH - A	aug .	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	0 0 4 1 0 0 0 0 0 0 2	0 1 13 1 0 0 0 0	0 0 5 1 0 0 0 0 0 2	0 1 17 2 0 0 0 0	0 14 1 0 0 0	0 0 13 3 0 1 0 0 0 2	0 0 13 1 0 0 0	0 0 5 5 0 1 0 0 2 2	0 0 3 8 - 0 0 4 2	0 1 4 4 0 0 0 1 7	0 0 4 4 2 0 0 7 18	0 0 1 2 0 0 7 6 5	0 1 5 2 0 0 0 1 1 1	0 4 16 3 0 0 6 1 18	0 3 3 2 0 0 2 5 1 3	0 7 5 1 0 0 4 4 1	0 3 1 1 0 0 4 3 1 2	0301000112	0 1 0 0 0 1 5 0 1	0 1 2 0 0 0 0 0 1 2	0 2 2 0 0 0 0 0 4 2	0 1 1 0 0 0 0 0	0310000002	0 3 1 1 0 0 0 0 2 2	0 1 6 2 0 0 0 0 2 2 2 3
11 12 13 14 15 16 17 18 19	2 6 0 0 0 8 1	2 3 0 0 0 0 0 0 2 1 1	2 2 0 0 0 0 0 1 1 2	2100000116	2 1 0 0 0 0 0 0 0 1 24	2 1 0 0 0 0 0 0 1 4	2 1 0 0 0 0 0 0 1 1	2 1 0 0 0 0 0 0 1 1 2	3 1 0 0 0 0 0 7 3 1 1	1 2 0 0 0 0 0 0 0 1 5	1 0 0 0 0 0 0 0 7 2	3 0 0 0 0 0 7 2	1000000628	1 0 0 1 0 0 0 2 2 1	1 4 0 0 0 0 0 1 2 1	1 4 0 0 0 0 0 1 2 0	1 2 0 0 0 0 1 2 0	2 2 0 2 0 0 0 0 2 7	2 0 0 0 0 0 0 1 0 2	2 19 0 0 0 0 1 0 2 1	2 1 0 0 0 0 10 0 2	3 1 0 0 0 0 1 1 1 0 2 2	3 0 0 0 0 4 0 1	2 3 0 0 0 **** 28 1 1 2	2 2 0 0 0 0 0 2 2 2
21 22 23 24 25 26 27 28 29 30	1 8 0 0 0 2 1 1 0 0	1 6 0 0 11 1 1 0 0	0 3 0 0 8 4 1 8 0	1 3 0 0 3 3 1 10 0	7 1 0 1 10 * 2 1 0 0	2 1 0 0 0 0 0 0 0	1 0 0 1 10 1 1 1 0	2 2 0 1 7 1 0 1	3 10 0 0 8 1 0 3 0	11 3 0 4 1 1 0 4 0 0	4 4 0 2 1 1 1 2 0 0	3 5 0 9 3 1 1 2 0 0	2 6 0 16 7 0 1	1 5 0 20 2 0 1 1 0	3 18 0 5 2 0 1 1	3 1 0 13 2 1 1 3 0	2 1 0 1 2 0 1 4 0 0	0 0 0 1 0 3 0 0	2 0 0 0 1 0 3 0 1	200001	1 0 0 0 1 1 0 0 6	2 0 0 1 1 1 1 0 0 3	8 0 2 7 2 1 1 0 0 4	19 0 0 1 1 0 0 4	3 3 0 3 4 1 1 1 2 0
31 MEAN	4	8 2	5	1	1	1	1	2	4	2	1	1	2	2	1	2	7	1	2	3	1	0	0	0	2
MEAN		2	1	2	2		-1	1	2	2	2	2	3	3	2	2	1	1	1	1	1	1	2	2	1.7

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO	77016		ASH ST	WATE	R TANK	κ,	SUDBUR	Y				MONT	'н - 9	SEP	76						
HOUR DAY	Ť	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 0 1 1 1	00002000141	0 0 0 2 0 0 0 1 0	0 0 0 8 0 0 0 0	0 0 1 7 0 0 0 0	0 0 0 4 0 0 0 1 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 5 0 0 3 0 3 0	0 16 0 1 0 0 4 1 2 0	0 9 0 1 0 0 9 4 1	0 1 1 0 0 7 12 1	1 1 1 0 0 6 7	0 1 1 0 2 10 1 1 1	0 4 1 0 0 11 5 1	0 2 1 0 0 12 5 2 2	0 0 1 1 0 4 6 1 1 0	00200211	0 0 2 0 0 2 1 1 0 1	0 0 2 0 0 1 1 1 1 1	0 0 1 0 0 1 2 5 1 0	0 0 2 0 0 1 1 1 0 1	0 0 1 0 0 1 1 0 1	0 0 2 0 0 0 2 1 0 1	0 0 3 0 0 0 1 1 0 1	0 1 1 2 0 2 3 2 1
11 12 13 14 15 16 17 18 19 20	1 1 1 0 0 0 0 0 0	1 1 3 0 2 0 0 6 0	1 1 2 0 8 0 0 11 0	1 1 2 0 6	1 1 1 0 2 0 0 27	1 2 1 1 0 1 0 0 17 0	1 1 0 1 0 0 4 0	1 1 0 0 1 1 0 5 0	1 1 2 0 1 1 0	1 1 2 6 0 1 0 0 1 0	1 1 7 4 0 0 1 0 0 1 0 0	1 10 2 2 1 1 3 0 0 0	1 9 6 1 1 4 2 0 1 0	1 5 3 1 1 25 0 0	1 4 1 1 2 16 0 0 0	1 2 2 1 5 5 0 0 0 0	1 1 0 7 2 0 0 0 0	1 1 1 6 1 0 0 0 0	2 1 1 2 9 3 0 0	2112220000	1 0 1 0 1 2 0 0 0	1 1 0 1 3 0 0 0 0	1 1 0 1 1 0 0 0	1 1 0 1 1 0 0 0 0 0	1 2 2 1 2 4 0 0 3
21 22 23 24 25 26 27 28 29 30	0 0 0 1 2 1 0 3 1	0 0 1 1 1 0 9 1	0 0 0 0 1 1 1 0 4 1	0 1 0 0 1 1 1 1 2 1	0 1 0 0 1 1 1 0 1 5 1	0 1 0 0 1 1 1 0 16 1	0 0 0 0 1 1 - 0 3 1	0 0 0 1 1 1 0 13	0 0 0 1 1 1 1 6 1	1 0 0 0 1 1 1 2 2 1	1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 11 1 1 0 2 1 2	0 0 0 7 1 1 0 3 1 2	1 0 2 4 4 5 20 1 1	1 0 1 3 4 10 0 3 1	0 0 0 1 3 7 0 3 1 1	0 0 0 1 5 0 3 1 1	0 0 1 7 1 0 5 1 1	0 0 1 7 1 0 4 1 1	0 0 1 4 3 0 2 1 1	0 4 0 1 3 2 0 1 1 1	0 1 0 1 3 1 0 5 1 1	0 8 0 5 5 1 0 4 1	1 0 3 3 1 0 3	0 1 0 2 3 2 1 2 4
MEAN	1	1	1.	1	2	2	1	1	1	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 98.3

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " *** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIOXIDE ASH ST WATER TANK. SUDBURY STATION - NE NO 77016 MONTH - OCT HOUR 24 MEAN DAY 0 0 1 0 0 1 0 2 13 14 15 16 17 18 19 20 .. o 22 23 24 25 26 27 28 29 30 0 10 22 5 20 4 2 0 0 4 11 MEAN 1.7

PERCENTAGE OF DATA VALID - 92.6

PERCENTAGE OF DATA INVALID - 0.9

PERCENTAGE OF DATA UNAVAILABLE - 6.5

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	ST	ATION	· NE	NO	77016		ASH ST	WATER	MAT 9	IK.	SUDBU	RY				MON'	TH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9 10	0 4 1 2 0 2 1 1	1 8 0 1 0 2 1 1 1 1	1 10 1 1 1 5 1 1 2	1 8 1 1 1 4 1 1 1	1 8 1 1 7 1 1	1 6 2 1 1 9 1 1 1	0 5 16 1 1 4	1 3 2 1 0 12 1 1	0 2 1 0 0 3 1 1 1 3	0 1 1 6 0 14 1 1	0 3 6 0 16 1 1	0 7 3 3 1 5 1 0	0 1 1 2 1 5 1 0	0 1 2 2 1 1 1 0 1 1 1	1 1 2 1 0 0 1	1 1 5 0 1 1 0 0 1 1	0 4 4 1 5 1 0 0	0 1 4 0 2 1 1 0 0	1 10 4 0 2 1 1 0 1	1 1 4 0 1 1 1 0	1 0 3 0 1 1 0 1 1	2 22 2 0 2 1 1 0 1	2 3 1 - 1 1 1 2 2 1	2 1 5 0 2 1 1 2 1 1	1 5 3 1 1 4 1 1
11 12 13 14 15 16 17 18 19	1 0 22 1 2 3 1 14	1 1 14 9 1 2 2 1 20	1 1 7 14 1 2 1 1 14	1 1 24 1 2 1 1 24 1	2 1 9 15 2 0 1 29 1	2 1 38 28 6 25 0 1 2	3 1 14 28 1 7 0	2 1 2 3 2 *** 18 0 1	2 1 1 1 3 1 1 1 0 0 1 1 1 1	2 1 7 13 18 28 0 1	1 6 12 41 10	1 1 3 **** 2 1 1 1	1 0 1 1 5 1 0 1 1 1	20511551111	2 0 6 1 1 2 3 2 2 1 1	1 0 18 12 3 3 2 8 1	1 0 10 9 2 2 2 3 1	1 0 25 1 8 6 1 1	1 0 20 5 45 4 1 1 0	1 0 17 2 20 4 1 1	1 0 1 1 10 35 2 1 0	1 0 1 8 2 18 9 1	1 4 7 12 25 11 7	1 0 6 2 25 20 1 1	1 1 9 10 10 9 2 1 5
21 22 23 24 25 26 27 28 29 30	1 2 1 0 0 0 1 1 1 1	1 2 1 0 0 0 1 1 1 2	1 2 1 1 0 0 1 1 1 2	1 2 1 1 0 0 1 1 2 2	1 2 1 1 0 0 1 1 1 18 1	1 2 1 1 1 0 1 2 28 0	1 1 1 1 1 1 2 2 1	1 1 0 2 1 1 1 1 1 1	1 1 0 0 4 1 1 2 2 1	1 2 1 1 4 2 1 1 1 4	1 1 0 4 1 1 2 1 1 1 1	1 0 3 2 0 1 2	1 1 0 1 1 1 1 4	1 0 0 1 0 0 1 4 0 1	1 0 0 0 0 1 1 4 1	1 0 0 1 1 6 0 1	1 0 0 1 0 1 1 7	1 1 0 0 1 1 13 0 3	1 0 0 3 0 1 1 3 0 1	1 0 0 6 0 1 1 1 0 1	1 1 0 4 0 1 1 1 1	1 1 0 0 0 1 1 1 0 1	1 1 0 0 1 1 3 1	1 0 0 0 1 1 13 5	1 1 0 1 1 1 1 1 3 3 1 1
MEAN	2	3	3	3	4	6	3	2	2	4	4	2	1	1	2	2	2	3	4	2	2	3	3	3	2.7

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTAN	ıT - S	SULPH	UR DIO	XIDE	i i							UNIT	s · o.	01 PA	ARTS/N	MILLIC	IN.						
	\$T	NOITA	- NE	NO	77016		ASH ST	WATER	TANK	ζ,	SUDBU	RY				MOM	NTH -	DEC	76						
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	10000222111	12 0 0 0 0 1 1 1 2 1	12 0 22 0 1 0 1 2 1 1	7 0 33 1 1 1 1 1 2 2	2 0 1 0 1 1 1 1 2 1	3 0 7 0 2 1 0 2 2 1	3 0 5 0 1 1 0 1 1	2 0 0 0 4 1 0 1 2	3 0 1 0 11 1 0 2 2	2 0 4 0 15 1 0 0 3 2	0 2 0 1 0 0 13 2	0 0 0 0 1 0 2 3 4	000011001142	1 0 0 1 1 0 0 11 5	0 0 0 1 2 0 0 5	000000000000000000000000000000000000000	1 0 0 0 1 3 0 0 2 13	1 0 0 0 0 2 0 0 0 2 12	0 0 1 0 0 3 0 1 1 2	0 0 0 1 8 0 1 1	0 0 0 1 7 0 1 2	0 0 0 1 21 0 1	O O 1 O 1 1 1 1	0 0 0 1 16 0 1	3 0 3 0 2 4 0 1 2 4
11 12 13 14 15 16 17 18 19 20	1 4 0 **** 6 0 2 0 1	1 9 1 2 2 0 2 0 0	1 9 1 2 1 6 2 0 1 1	1 6 1 1 1 2 1 0 1	1 3 1 1 1 2 1 0 1 2	1 1 1 1 1 0 0 1	1 1 1 1 1 1 0 0 0 0	1 1 0 1 1 0 1 0 1 0	1 1 0 1 0 0 2 0 0	1 1 0 1 0 1 1 0 0 0	1 0 0 1 1 0 0 0 0	0 0 1 1 5 2 - 4 0 0	0 0 1 1 26 4 0 2	2 0 4 7 4 0 0 2	2 0 - 4 5 3 0 0 3	0 0 3 4 3 0 0 2	0 0 3 2 2 0	0 0 0 8 1 2 0	0 0 6 0 3 0 1	10090130031	1 0 0 14 0 14 0 0 2	3 0 0 9 0 2 0 0 1 1	2002040100	1024020001	1 2 1 4 3 3 1 0
21 22 23 24 25 26 27 28 29 30	2 1 0 0 2 1 1 3 2 0	2 0 0 3 1 3 3 1 0	2 4 2 0 3 1 3 3 1	2 1 8 0 8 1 3 4 1	2 1 0 0 3 1 3 6 1 0	1 0 0 2 4 2 3 6 1 0	1 1 0 1 9 2 1 5 2 0	1 1 0 2 2 2 2 1 2 1	1 1 1 3 6 2 2 3 2	1000+422420	1 0 0 5 1 2 6 3	1 0 1 2 2 1 2 6 2 0	1 0 2 3 3 1 2 7 2	1 0 0 2 3 1 3 7 1 0	1 0 2 2 3 1 2 4 0	1 0 0 2 2 1 2 4 0	1 0 1 2 1 1 3	0 0 1 2 2 1 **** 3 0 0	0 1 0 1 1 1 1 0 0	0102213100	0 1 0 2 1 1 4 1 0 0	0 1 1 1 3 1 0 0	0 1 0 2 1 2 2 1 0 1	8 1 0 2 1 1 2 1 0	1 1 2 3 1 2 4 1
31	0	0	0	0	0	0	1	1	0	0	0	****	****	• • • •	****	••••	0	0	0	0	0	0	0	0	0
MEAN	1	2	3	3	1	1	1	1	2	2	1	1	2	2	2	2	1	1	i	2	2	2	1	2	1.6

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 1.7

PERCENTAGE OF DATA UNAVAILABLE - 1.9

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77016 ASH ST WATER	TANK, SUDBURY		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	1.7	6	30
FEB	26	1.5	6	32
MAR	31	1.5	6	26
APR	29	2.2	5	35
MAY	29	2.4	7	26
JUN	30	3.0	14	69
JUL	29	1.4	6	40
AUG	31	1.7	6	28
SEP	3/0	1.4	4	27
OCT	29	1.7	9	37
NOV	30	2.7	10	45
DEC	31	1.6	4	33
YEAR	355	1.9	14	69

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77016	ASH S	WATER T	ANK, S	DBURY		
MONTH O	TO 04 05	ro 10 1	TO 14	15 TO 2	26 TO 39	40 &OVER	TOTAL
JAN	632	45	6	3	1	0	688
FEB	571	19	3	1	2	0	602
MAR	671	42	3	3	1	0	721
APR	604	60	11		5 1	0	682
MAY	587	91	4)	1	0	692
JUN	594	64	19	1	14	7	709
JUL	633	45	8		7 1	1	695
AUG	663	51	10	1	1	0	735
SEP	651	43	6		7 1	0	708
oct	638	30	5	1	2 4	0	689
NOV	622	47	16	2	7	2	715
DEC	664	33	13	9	з з	0	717
YEAR	7530	570	104	10	37	10	8353

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT
OF DATA
VALID MIN 10 30 50 70 90 95 98 99 MAX MEAN

95.1 0 0.0 0.0 0.4 1.2 4.0 7.0 13.1 19.7 69 1.9

																			-							
	STA	TION	- NE	NO 7	7017	N	IORGAN	SUDB	URY A	AIRSHE	D					MON	тн - ,	JAN	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	2 1 2 2 2 2 2 3 2 2 2 2 2 2 2 2 2 2 2	2 1 2 2 1 2 3 2 2 2	2 1 2 2 1 3 2 2 2 2 2 2	2 1 2 2 2 2 2 2 2	2 1 2 2 1 2 2 2 2 2	2 1 2 2 1 2 2 2 2 2	2 1 2 2 2 2 2 2 2	2 1 2 2 1 3 2 2 1	2 1 2 2 1 3 2 2 2 1	2 1 2 2 2 2 1	2 1 1 2 2 2 1	2 1 2 2 2 2 2 2	2221232212	2 2 2 1 2 3 1 2 1 3	2 2 2 1 2 3 1 2 1 6	2 1 1 2 3 1 2 7	2 2 1 1 2 3 1 2 1 4	2 5 1 2 2 1 1 4	2 5 1 2 2 1 1 1 3	2 3 1 1 2 2 1 1 2 3	2 2 1 1 2 2 1 1 2 3	2 2 1 1 2 2 1 1 2 2	2 2 1 1 2 2 1 1 2 2	2 1 1 2 2 1 1 2 2	2 2 2 1 2 2 2 2 3	
11 12 13 14 15 16 17 18 19	3 1 3 2 2 8 1 1 1 9	3 1 3 2 2 13 1 1 1	2 1 3 2 2 4 1 1 9	3 1 3 2 2 3 1 1 1 6	3 1 3 2 2 2 1 1 1 6	3 1 3 2 2 2 1 1 1 2	3 1 3 2 2 2 1 1 1 1	6 1 2 2 2 2 1 1 1 1	6 1 2 2 1 1 2 1 1 2 1	4 2 2 2 1 2 1 1 2 *	3 2 2 2 2 1 1 *** 1	2 2 2 2 2 1 1 2 1	252221122	262221122	262221122	242221122	262221222	2 3 2 2 2 1 2 2 2	2 3 2 2 2 2 1 2 2 2	1 3 2 2 3 1 1 2 2 2	1 3 2 2 3 1 1 2 2 2	1 2 2 2 3 1 1 2 2 2	1 2 2 2 3 1 1 2 3 2	1 2 2 2 7 1 1 2 4 2	3 3 2 2 2 3 1 1 2 3	
21 22 23 24 25 26 27 28 29	2 1 1 1 4 1 2 1 2 1	1 1 1 3 1 2 1 2	1 1 2 2 1 2 1 2 1	1 1 3 3 1 2 1 2 1	1 1 2 3 1 2 1 2	1 1 1 2 3 1 2 1 1	1 3 3 1 2 1 1	1 1 2 2 1 2 1 1	1 1 2 2 1 2 1 1	1 1 4 2 1 2 1 1 2	1 1 3 2 2 3 2 1 3	1 1 5 2 2 3 1 1	1 1 18 2 2 1 2	1 1 3 1 2 1 2	1 1 3 3 2 1 2 1 1	1 1 4 22 2 2 2 2	1 1 1 10 1 2 2 2 2 1	1 1 1 8 1 2 2 2 1	1 1 8 4 2 2 2 1	1 1 6 3 2 2 2 1 1	1 1 5 2 2 2 1	1 1 1 4 3 2 2 2 1	1 1 4 2 2 2 2 1 1	1 1 1 3 1 2 2 2 1	1 1 1 4 3 2 2 2 1	
31	1	1	1	1	0	0	0	0	3	5	5	4	5	4	3	2	1	1	1	1	1	1	-1	1	2	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	- 0	5	-	-	0	2		

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- 5	ULPHL	R DIO	XIDE							L	INITS	- 0.0	1 PAR	TS/MI	LLION	N						
	STA	TION .	NE	NO 7	7017	1	MORGAN	SUDE	BURY .	AIRSHE	D					MONT	'н - г	EB	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 0 1 1 1 0 0 0 1	1 0 1 1 1 0 0 0 1	1 0 1 1 0 0 0 1	1 0 1 1 0 1 1 0 0	1 0 1 1 0 0 1	1 0 1 1 0 0 0 0	1 0 1 1 0 0 0 0 0 0 1	1 0 1 0 0 1 0 0 0	1 0 1 0 0 1 0 0 0 1	0 0 1 0 0 0 1	0 0 1 1 0 0 0 1	0 0 1 1 1 0 0 0 1	1 0 1 0 0 0 0 1	1 0 1 0 0 0 0 1	1 0 1 0 0 0 0 1	1 0 1 0 0 0 0 1	1 0 1 0 0 0 0 1	1 0 1 0 0 0 0 1	1 0 1 0 0 0 0 0 0	1 0 1 0 0 0 1 0	1 0 1 0 1 0 0 1 0	1 0 1 0 1 0 1 0	1 0 1 0 1 0 1 0	1 0 1 0 1 0 0 0 1 0	1 0 1 0 1 0 0 0 0 0 1
11 12 13 14 15 16 17 18 19	0000000000	0 0 0 0 1 0 0 0	0000100100	0 0 0 1 0 0 0	0 0 0 0 2 0 0 1	0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 1 2 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 4 **** 0 3 0 0	0000300400	010020000	010020000	000000000000000000000000000000000000000	0000000000	0 0 0 0 0 0 0 0 6	000000000	0 0 0 0 1 0 0 0 0 2	0000106000	0 0 0 0 1 0 6 0 0 1	0000104002	0 0 0 1 0 3 0 0 3	0000102003	0000102002	0 0 0 0 1 0 1 0	0 0 0 0 2 0 1 1 0 2
21 22 23 24 25 26 27 28 29	000000001	00000000	0000000+	00000000	000000000	000070000	0 0 0 23 0 0	00000000	0 0 0 0 0 0 0	000040000	0 0 0 1 0 0 0	000000000	0 0 1 0 0 0 0	001040000	0000000	0 0 1 0 0 0 0 0 0	000000000	000000000	00000000	000000000	0000000000	00000040	000001030	0 0 0 0 0 1 0 1 0	0 0 0 0 2 0 0 1 0
MEAN	0	0	0	0	0	0	1	0	0	0	O	0	1	1	0	0	0	0	О	o	1	1	0	О	0.4

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	· NE	NO	77017		MORGAN	SUDB	URY	AIRSHE	D					MON1	rH - 1	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8	0 0 0 1 0 0 1 0	0000000	0002000	0 0 0 0 0 0	0 0 1 0 0 0	0 0 0 1 0 0 0 0	0 0 0 1 0 0 0 0	0 0 0 0 0 0	0001000	0 0 0 1 3 0 0 0	00005000	0 0 0 3 0 0	0000000	00000000	0000000	0 0 1 4 0 0 0 0	60000	0 0 1 5 0 0	0002000	0004000	0000000	0 0 0 0 0 1	0000000	000000	0 0 1 0 0 0
9 10	o o	0	0	0	0	0	ő	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 12 13 14 15 16 17 18 19	0200020010	0 1 0 0 0 2 0 0 1 0	0 1 0 0 0 1 0 0	0 2 1 0 0 0 0 0 0	0 0 0 0 0 0	0 2 0 0 1 0 0 0 0 0	000000000	0 2 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000100	000000100	00000000000	000000100	080000000	000000000	000000000	0 5 0 0 0 0 1 0 0	1 2 0 0 0 0 0 0 0	0 3 0 0 1 0 0 0 0	0000100000	0000100000	1 0 0 0 1 0 0 0 0	2000100000	3 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	0 0 0 0 0 0 0 3 1	0 0 0 0 0 0 1 2	0 0 0 0 0 0 0	0 0 0 0 0 0 0 4	0 0 0 0 0 0 0 1	0 0 0 0 0 7 2	000000000000000000000000000000000000000	0000040052	0 0 0 0 1 0 0 1 2	0 0 0 0 0 0 1 3	0000010010	000000000000000000000000000000000000000	0000010018	0000000001	0000000000	0 0 0 0 0 0 1	00000000	0 0 0 0 0 0 0 1	000000000	0000000021	0000000040	0 0 0 0 0 0 0 1 0	0000010022	000000021	0 0 0 0 1 0 0 2 2
31	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA 15 UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	· s	ULPH	UR DIO	XIDE							l	JNITS	- 0.0	1 PAF	RTS/MI	LLIO	N						
	STA	TION -	NE	NO	77017	,	MORGAN	SUDB	URY	AIRSHE	D					MONT	гн - д	PR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	1 2 0 0 0 0 0	020000000	000000000	0 3 0 0 0 0 0 0 0 0	0500000000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	000000000	000000000	000000000	0000000000	000000000	1 0 0 1 0 0 0 0 0	1 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 1 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0000000000	00000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0000010000	0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000	0001000000	000000000	000000000	000000000	0000000000	000000000	0000000000
21 22 23 24 25 26 27 28 29	000000000	0000000000	000000000	0000000000	0000300000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0000300000	0000100000	000020000	0000000000	0000000000	1000000000	200000000	1000000000	0000000000	0000000000	0000000000	000000000	0000000000	00000000	00000000	0000000000	0000000000	0 0 0 0 0 0 0 0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION .	- NE	NO 7	7017	N	ORGAN	SUDB	URY .	AIRSH	ED					MONT	tH - M	MAY	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	000000000	0 0 1 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0	000000000	000000000	000000000	0000000000	000000000	0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	000000000	000000000	0000000000	000000000	0000000000	000000000	0 3 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0	0000000000	0000000000	000000000	0 1 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0000000000	000000000	0000000000	0000000000	000000000	0000000000	0000000000	000000000	00000000	0 0 0 0 4 1 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 2 1 0 0	00000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	29 0000	0 0 0 0 17 0 0	000000000000000000000000000000000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000400000
21 22 23 24 25 26 27 28 29 30	0 0 0 0 1 1 1 1 2	0 0 0 0 0 1 1 2 2	0 0 0 0 0 1 1 2	000000000000000000000000000000000000000	0 0 0 0 1 0 2 1 4	0 0 0 0 1 1 1 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.* 00000	0 0 0 0 0 0 0 1	0 0 0 0 0 0 1 0 8	0 0 0 0 7 0 2 1 4	0 0 0 0 0 4 0 1 1 6	000000001	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 3 0 0 12 0	0 0 0 0 1 2 0 0 5 3	0000010021	0 0 0 0 1 0 0 1 0	0000000000	0000000010	0 0 0 0 0 1 1 1	0 0 0 0 1 0 1 2 2 2	0 0 0 0 1 1 1 2 2 2	0 0 0 1 1 1 2 2 2	0 0 0 0 1 0 1 2 2
31 MEAN	0	0	0	0	0	0	1 **	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- S	ULPHL	R DIO	(IDE								JNITS	- 0.	DI PAR	RTS/MI	LLIO	N						
	STA	TION -	NE	NO 7	7017		MORGAN	SUDE	BURY	AIRSHE	D					MON	тн - ,	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	0 1 1 0 2 0 1 0 0 0 2	0 2 1 1 1 1 0 3 3 0 2 2 1 0 0 0 1	0 2 1 2 2 2 0 3 0 1 1 0 0 1	0 1 1 2 2 2 0 4 0 1 1 0 0 2	0223230102	0 1 2 2 2 1 0 2 0 3 1 1 1 1	0 1 2 1 0 0 0 0 0 0 0 0 0	0000200001	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0001000001	0 0 0 1 0 0 0 0 0 12 0 7 1 2	0 0 0 24 0 0 0 0 14 0 0 15 1	0 0 0 10 0 0 0 0 0 11 0 0 46 1	0 0 0 1 0 0 0 0 5 0 36 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	1000000000000000	100000000000000000000000000000000000000	100000000000000	1 0 0 0 1 1 0 0 0 0 1 1 -	2 1 0 2 2 2 2 0 0 0 0	2 1 0 3 3 3 0 0 0 0 0 0 1 0 1 -	2 2 0 3 3 0 1 0 1 0	0 1 0 3 1 1 0 1 2 1
16 17 18 19 20												- DA1 - DA1 - DA1 - DA1	A UNI A UNI A UNI	AVAILA AVAILA AVAILA AVAILA	ABLE ABLE ABLE	• · · · · · · · · · · · · · · · · · · ·									
21 22 23 24 25 26 27 28 29 30	1100000000	000000000000000000000000000000000000000	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 3 0	100001020	0 0 0 0 0 0 1 0	.000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 1 0	000000000000000000000000000000000000000	0 0 0 1 1 0 0 0 0 0	0 2 0 12 1 0 0 0 0 0	0 5 0 1 0 0 0 0 0 0	0600000+00	0 9 0 1 0 0 0	0600000000	0001000000	000000000	0 0 0 0 0 0 3	0000000000	0 0 1 0 0 0 0 0 0	0 0 1 0 1 0	0 0 1 1 0 1 0	1 0 1 2 0 0 0 2 2	0 1 0 0 0 0 0 1 1
MEAN	1	1	1	4	1	1	0	0	0	1	1	2	3	3	2	2	0	1	0	0	0	1	1	1	0.9

PERCENTAGE OF DATA VALID - 76.8 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 22.8

- NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION .	NE	NO	77017	3	MORGAN	SUDB	URY	AIRSHE	D					MONT	TH - (JUL	76						
HOUR	1	2	3	4	15	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 1 0 1 0	0 0 0 1 3 1 0 1 0	0 0 0 0 3 3 1 0 2 0	0 0 0 0 3 2 0 0 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 0 0 0 2 0	0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 0	000000000	0000000000	0000000040	000000000	000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	000000100	0 1 1 0 1 0 2 0 0	0 0 1 2 2 3 1 1 1 0	0 0 2 1 2 3 1 1 2 0	0 0 1 1 3 0 1 1 0	0 0 0 1 1 0 0 1
11 12 13 14 15 16 17 18 19	000000000000000000000000000000000000000	0 0 0 1 1 1 0 0 0 0 0 0	0 0 0 2 0 1 0 0	0 0 0 3 0 1 0 2 2 0	0 0 3 1 1 0 1 2	0 0 2 1 2 0 1 2 0	0 0 1 1 1 0 0 0 0	000000000	0000000000	0000000000	0001000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	0000000000	0 0 0 0 1	0 0 0 1 0 0 1 1 3	0 0 1 0 1 1 2 2	0 0 2 0 1 0 1 1 2 2	000000000000000000000000000000000000000
21 22 23 24 25 26 27 28 29	2 1 1 0 2 0 0 1 0 1	0 1 1 2 2 2 1 0 2 0 1	1 2 2 0 2 1 0 1 0 1	1 1 2 0 2 1 0 1 0 2	2 0 2 1 0 1 0 2	1 1 0 2 0 0 1 1 1 1	000000001	000000000000000000000000000000000000000	000000001	0 0 0 0 0 0 1	0 0 0 0 0 0 0 61 3	0 0 0 0 0 0 0 11 2	00000000	0 0 0 0 0 0 0 3 1	0 0 0 0 0 0 5 1	0 0 0 0 0 0 6 1	000000051	0 0 0 0 0 0 1 7	000000450	0 0 0 0 0 0 3 0	1 0 0 0 0 0 1 1 0	1 0 0 0 1 0 1 1 1	2 1 0 0 0 0 1 2 1	3 2 0 1 0 1 0 0 1 2	1 0 0 1 0 0
31 Mean	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0.5
			1.0			5	-	-	_		-				•		-	-	-	•	•			177	

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "-" INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	UTANT	- \$	ULPHI	UR DIO	XIDE							L	INITS	• 0.0)1 PAF	RTS/M)	LLIO	N						
	STA	TION .	NE	NO	77017	м	ORGAN	SUDB	URY	AIRSHE	D					MONT	тн - д	ug	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 1 0 0 1 1 1 1 2 1	0 1 0 1 2 1 1 1 3 2	1 1 1 1 1 1 1 2 1	1 1 1 1 1 1 1 1 1 1	2 1 1 0 1 1 1 1 2	2 0 1 1 0 1 1 0 1 1	1 1 0 0 0 1 1 1 1	0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 1 1	000000010	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000005010	0 0 0 0 0 0 1 1 0 1 2	000000000000000000000000000000000000000	0000008120	000007020	0 0 0 0 0 7 0 3 0	0000006040	0000004060	0 0 1 0 0 0 3 1 6 0	0 1 0 1 0 1 1 6	0 0 1 1 1 1 1 2 1 3 1	0 0 1 1 1 1 1 1 1 1 1 1 1	1 0 1 1 0 1 1 2 2	0 0 0 0 0 0 0 0 1 1 3 1
11 12 13 14 15 16 17 18 19	2 1 1 0 0 0 2 1 1 2	1 1 0 0 0 2 2 2 2 2 2	1 2 1 0 0 0 2 2 1 2	1 1 0 0 0 1 2 1 2 2	1 0 0 0 0 2 2 1 1	1 0 0 0 0 0 0 2 1 2	1 1 0 0 0 0 0	1 0 0 0 0 0 0 0 2 1 1	1000000000	0 1 0 0 0 0 0 0 0 0	0100000000	0000000000	0000000000	000000000	0000000000	0000000000	0000000000	0000000000	000000000	0 0 0 0 1 0 1 0 0	1 0 0 0 0 1 2 1 1 1 1	1 0 0 0 0 1 1 1 2 1	1 0 0 0 0 1 1 1 1 2 1	2 1 0 0 1 2 1 1 1 0	1 0 0 0 1 1
21 22 23 24 25 26 27 28 29 30	1 0 0 1 2 3 1 2 0 0	1 0 1 2 2 1 2 0 0	1 2 0 2 1 1 2 3 0 0	1 2 0 1 1 2 1 2 0 0	2 1 0 1 1 2 1 0 1	1 1 0 1 2 0 1 0 0 1	1 1 0 1 1 0 1 0 0	2 1 0 1 1 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0	1 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0	000400000	0000000000	000000000	000000000	000000000	0000000000	0 0 0 0 0 0 0	00000000	0 0 0 0 0 0 0	0 0 0 1 1 0 0 0 0	0 0 0 1 2 1 1 0 0 0	1 0 0 1 1 2 1 0 0 1	1011212001	1 0 0 1 1 1 0 0 0
31 Mean	1	1	1	1	1	1	1	1 0	1 0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1 0 · 6

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - .. INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	NE.	NO	77017	7	MORGAN	SUDB	URY	AIRSHE	D					MON.	rH - 9	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	0 0 0 1 1 2 0	0 1 1 0 0 1 2 2 1 0	0 1 0 0 0 1 2 2 2 0	0 1 0 0 0 1 1 2 2 0	1 0 0 0 1 2 1 2	1 2 0 0 0 1 2 1 3 0	0 2 0 0 0 1 1 2 2 0	0 1 0 0 0 1 2 1 1	000000000	0 0 0 0 0 1 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0	0 74 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	000000000	000000000	0 0 1 0 0 0 0 0 0	0000000	0 1 1 0 0 0 0 0 0	0 1 0 0 1 0 0	0 1 0 0 1 2 2 1 0 0	0 0 0 1 1 1 0	1 1 0 0 0 1 2 1	0 1 0 0 1 1 2 1 0 0	0 4 0 0 0 1 1 1 1 1 0
11 12 13 14 15 16 17 18 19 20	0 1 2 2 0 1 1 1 1 0	0 1 2 2 0 1 1 1	0 1 2 2 0 1 1 1 0 0	0 2 2 1 0 1 1 1 1 0	0 2 2 1 0 1 1 1 2 0	0 2 0 3 0 1 2 1 1	0 2 1 1 0 1 2 2 1 0	0 1 1 2 0 0 1 0 1 0	0 1 1 1 0 0 1 0	0 0 0 0 0 0 0	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000	1000000000	1 0 0 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 1 0 1 0 2 1 0 0	0 1 1 0 1 0 1 1	0 1 2 0 0 0 2 0 0 1	1 1 0 1 1 0 0 0 1	0 1 1 1 0 0 1 1 1 0 0
21 22 23 24 25 26 27 28 29	1 0 0 0 0 0 0 0 1	100001	0 0 0 0 0 1 0 0 0 1	0 0 1 0 0 0 0 1	0 0 0 0 1 0 0 0 1	0 0 0 0 0 0 0 0	1 0 0 0 0 1 0 0 0 1	0 0 0 0 1 0 0 1	1 0 0 0 0 0 0 0 0 0 0	4000000000	4000000000	1 0 0 0 0 0 0 0 58	1 0 0 0 0 1 0 0 0 4	360000000	86 0 0 0 0 5 0 0	27 0 0 0 9 0	3000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 8 0 1	0000050000	0 0 0 0 0 2 0 1 1 1	0 0 0 0 0 0 1 0	0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 1 1	7 0 0 0 0 2 0 0 0 3
MEAN	1	1	1.	1	Ĭ	1	1	0	0	0	0	4	0	2	3	1	0	٥	0	0	1	0	0	1	0.8

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - NE NO 77017 MORGAN SUDBURY AIRSHED MONTH - OCT 76 HOUR 24 MEAN 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 0 0 4 0 0 0 MEAN 0.2

PERCENTAGE OF DATA VALID - 100.0 PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO	77017	1	MORGAN	SUDB	URY	AIRSHE	D					MONT	H - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0000000000	000000000	0000000000	000000000	000000000	030000000	0 5 0 0 0 0 0 1	0400000003	0 2 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0	000000000	0001000000	0000000000	000000000	0000000000	0000000000	0000000000	000000000	0 0 0 0 0 0 1 0	000000000000000000000000000000000000000	0000000040	0000000040	0000000040	000000000000000000000000000000000000000	0 0 0 0 0 0 1 0
11 12 13 14 15 16 17 18 19	0000000000	000000000	0000000000	1000000000	0000000000	0000000000	1000010000	0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0	000000000	000000000	0000000000	0000000000	0000000000	000000000	000000000	000000000	000000000	00000000	0000000000	0000000000	000000000	000000000	000000000	0000000000
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 1	0000000110	0000000000	000000000	0000000000	0000000000	0000000000	000000000	0 0 0 0 0 0 1	000000000	0000000000	000000000	0000-00000	0000000000	0000300000	0000100000	000000000	000000000	000000000	000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 1 0	0 0 0 0 1 0 0 0 1 0	0000100010	000000000

0 0

UNITS - 0.01 PARTS/MILLION

PERCENTAGE OF DATA VALID -100 0

MEAN

PERCENTAGE OF DATA INVALID - 0.0

0 0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

0 0

0 0

0.1

NOTES 1 ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

C

2. .. . NDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION . NE NO 77017 MORGAN SUDBURY AIRSHED MONTH - DEC HOUR 24 MEAN DAY 2 3 4 5 6 7 8 9 10 36 0 0 0 0 0 0 1 0 12 13 14 15 16 17 18 19 20 5010 0 2 6 0 15 1 8 0 6 0 0 2 0 0 ō Ó 22 23 24 25 26 27 28 29 30 O MEAN 1.2

PERCENTAGE OF DATA VALID - 99.6

PERCENTAGE OF DATA INVALID - 0.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- MOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION	•	NE	NO	77017	MORGAN	SUDBURY	AIRSHED	

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1,9	4	22
FEB	29	0.4	2	23
MAR	31	0.3	2	11
APR	30	0.1	1	5
MAY	31	0.4	4	32
JUN	23	0.9	7	46
JUL	31	0.5	5	61
AUG	31	0,6	3	11
SEP	30	0.8	7	86
oct	31	0.2	1	7
NOV	30	0.1	1	5
DEC	31	1.2	7	50
YEAR	359	0.6	7	86

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT	SUI PHUR	DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	No 77017	MORGAN	SUDBURY AT	RSHED			
MONTH OO	TO 04 05 T	0 10 11	TO 14 15	TO 25 26	TO 39 40	&OVER	TOTAL
JAN	713	26	2	2	0	0	743
FEB	686	7	1	1	0	0	695
MAR	735	8	1	0	0	0	744
APR	719	1	0	0	О	O	720
MAY	728	5	2	3	2	0	740
JUN	533	9	4	4	2	1	553
JUL	737	5	1	0	0	1	744
AUG	732	10	1	0	0	0	743
SEP	709	6	0	0	2	3	720
OCT	741	3	0	0	0	0	744
VOV	719	1	0	0	0	0	720
DEC	679	38	11	8	4	1	741
YEAR	8431	119	23	18	10	6	8607

FREQUENCY	DISTRIBUTION	BY	PERCENTILES	
	DEDCENT			

OF DATA	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
VALID	MIN	10	30	FREQUENCY 50	70 70	90 90	PERCENT 95	98	99	MAX	ARITH MEAN
98.0	0	0.0	0.0	0.0	0.0	1.3	1.9	4.1	7.4	86	0.6

UNITS - 0.01 PARTS/MILLION

POLLUTANT	- SULPHUR	DIOXIDE

	STAT	ION	NE.	NO '	77C18	S	T. CH	ARLES	SUDE	URY A	AIRSHE	D				MON1	rH - ,	JAN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8 9	0000000000	000000000	000000000	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0000000000	0000000000	000000000	0000000000	0000000000	000000000	0000010100	0 0 0 0 1 0 1 5 1	0010020102	0000000000	0000010000	0 0 0 0 0 0 0	0000010000	0000010000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	00000000	0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0 1 0 1 4 2 0 0 1 3	0 1 0 0 0 1 0 0 2 3	000000000000000000000000000000000000000	000000062	0000000000442	20110000022	3 0 1 0 0 0 0	3 0 1 0 1 0 0 0 1 2	2 0 1 3 2 0 0 0 2 3	1 0 1 0 0 0 2 2	0 0 1 0 4 1 0 0 2 0	0 0 1 0 5 1 0 0 2	0 0 0 4 3 1 0 0 3 2	0 0 0 0 0 0 2 10	000300032	0 0 1 1 0 0 0 0 3 2	1 0 1 2 0 0 2 0	0010230040	0 0 1 0 2 0 0 0 4 0	1 0 2 0 1 0 0 1 5 0	1 0 2 0 2 1 0 3 5 0	1 0 2 0 2 0 0 3 5 0	1 0 1 0 0 2 5 0	1 0 1 0 0 1 3 0	1 0 1 1 1 0 0 3 2
21 22 23 24 25 26 27 28 29 30	100000000	0 0 0 0 0 0 0	0 0 0 0 0 0 0 1	0 0 0 0 0 0 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000011	000000000000000000000000000000000000000	000000000	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 3 0 0 0	00000	0000016000	0000000000	0 0 0 0 1 3 0 0 0	000000000	000000000	000000000	0 2 0 0 0 0 1 0 0	000000000000000000000000000000000000000	0000001000
31	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

MEAN 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1 0 0 0 0 0 0.4

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "." INDICATES DATA IS UNAVAILABLE
 - 3. " ... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	UTANT.	· s	ULPHL	R DIO	XIDE							L	NITS	- 0.0	1 PAR	TS/MI	LLION	N						
	STAT	10N -	NE	NO 7	7018	S	т. сн	ARLES	SUDB	URY .	AIRSHE	D				MONT	'н - г	EB	76						
HOUR DAY	Í	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MI	EAN
1 2 3 4 5 6 7 8 9	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1	1 0 0 0 0 0 0 1	0000000000	0000000000	0001000000	0 0 0 0 0 0 0 0 0 0	0 0 1 0 1 0 6	0400020102	50000000	0 20 0 0 0 0 0 0 3	010300000	000000000	090000001	0702000001	0905000001	0 7 0 4 5 0 0	0000100010	000010000	0000100010	0 0 2 0 1 0 1 0 1 0	0 0 3 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0	0 2 0 1 0 0 0 1
11 12 13 14 15 16 17 18 19	0 0 0 1 0 1 0 1 0 1 0	0 0 0 1 1 1 0 1 0	0 0 0 2 1 1 0 0 0	0005	0000111040	0000011050	0 0 1 0 0 1 0	0 0 1 0 0 0 2 0	00130210020	0 0 1 0 1 2 0 1 2 1	0 0 0 1 2 1 1	0 0 0 7 2 2 0 0 1 0	0 0 0 15 1 2 1 0 0 0	0 1 17 1 0 0	0 7 30 2 1 0 0	0 0 11 7B 1 0 0	0 0 2 17 1 0 0 0	0 1 0 0 0 0 0	0 0 1 0 0 0 0 0 0	130000	0 0 1 0 5 0 0	0020300100	0 3 0 2 0 0 1	0 0 1 0 0 1 0 0	0 0 2 7 2 1 0 0
21 22 23 24 25 26 27 28 29	0 0 0 0 0 0 1 0	0 0 0 0 0 1 0	0 0 0 1 0 0	0 0 0 1 0 1 2 0	00000-00	0 0 0 0 1 0 0 1 0	00001000	0 0 0 0 0 1 0 0 1	0 0 0 0 0 2 0 1 1	000000000000000000000000000000000000000	1 0 0 0 1 3 1 0 2	1 0 2 0 1 0 1	1 0 0 0 1 0 0 1	2 0 0 1 0 1 0 8	2 0 2 0 1 0 0 0 4	1 0 1 1 1 0 8	0 0 0 1 1 1 1 0 1 3 1 3	1 0 0 1 1 0 2	0 0 0 0 1 1 0 0	1 0 0 1 1 0 0	1 0 0 1 0 0 1	0 0 1 1 0 0 0	1 0 1 1 0 0 0 0 1	1 0 0 1 0 0	1 0 0 0 0 1 0 0
MEAN	0	0	0	1	0	٥	٥	0	1	1	1	1	1	1	2	4	2	4	1	1	0	0	0	0	0.8

PERCENTAGE OF DATA VALID - 59.7 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. **** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - "." INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION	ΝE	NO 7	7018	5	т. сн	ARLES	SUDE	BURY /	AIRSHE	D				MONT	гн - м	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EΔN
1 2 3 4 5 6 7 8 9	1 1 0 0 0 0 0 0 0 1	000000000000000000000000000000000000000	1 0 0 0 0 0 1 0 1	2 1 0 0 0 0 0 4 0 1	2 1 0 0 0 0 0 0 1	2 1 0 0 0 0 0 3 0 1	2 1 0 0 0 0 0 0 0 2 0 1	2 1 0 0 0 0 2 2 0 1	0 0 0 0 0 0 3 1	2 1 0 0 0 0 2 1 0 1	1 0 0 0 1 8 0 0	2000027500	0 0 0 0 4 11 8 0 0	2000045500	1 0 0 0 0 0 5 1 0 0	10010000	1001000000	1 0 0 1 0 0 0	100000000000000000000000000000000000000	1 0 0 0 0 0 13 0 0 0	1 0 0 0 0 7 0 0 0	1 0 0 0 0 1 0 0 0	100000000	000000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	1 4 0 0 2 0 0 . 1 1	2 3 0 0 0 0 0 1 1 0	2 3 1 0 0 0 0 1 1	3 2 0 0 0 0 0 1 2 0	3 1 0 0 0 0 0 1 2 0	2 0 2 0 0 1 0 0	1 0 1 0 2 0 0 1 1 0 0	1 0 0 0 1 0 0 1 2 1	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 2 1	1 0 0 0 1 0 0 0 2 1	0 0 0 0 2 0 0 0 2 1	0000201011	0 0 0 0 2 0 7 0 1	0 0 0 0 1 0 3 0 1 1	1000300011	500091011	1 0 0 0 9 1 0 0 0	0000900101	5000400100	4000002100	4 1 0 1 2 0 1 1 0 0	4 0 0 3 1 0 2 1 1 0	3 0 5 0 2 1 0	2 1 0 0 2 0 1 1 1
21 22 23 24 25 26 27 28 29 30	0 0 0 1 0 0 0	0 0 0 1 0 0 0	0 0 0 1 0 1 1 0 0 0	0 0 0 1 0 1 2 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 2 0 0 0	0 0 0 1 0 0 0	0 0 0 1 0 0 0	0 0 0 1 0 1 1 0 0 0	0 1 0 1 0 0 0	0 5 0 1 2 0 1 0 0 0	090160000	0 1 0 1 2 0 1 0 0 0	0 0 0 1 0 0 0	0 2 0 1 1 0 0 0 0 0	0 2 0 1 3 0 0 0 1	0 2 0 1 1 0 0 0 0 1	0 2 0 1 0 0 0 1 0 0	0001000000	0001000000	0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0	0 0 1 1 0 0 0 0	0 0 1 0 0 0 0 0	0 1 0 1 1 0 1 0 0
31 MEAN	c	0	0	0	0	0	0	0	0	0	D 1	0	0	1	0	0	0	0	0	0	0	0	0	0	0.6

PERCENTAGE OF DATA VALID - 99:9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES : " INDICATES I VALID DATA DUE TO INSTRUMENTATION FAILURE

". IND.CATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "---- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ST. CHARLES SUDBURY AIRSHED 5 TATION NE NO 77618 MONTH - APR HOUR 24 MEAN DAY 36 5 25 0 0 9 0 0 0 43 0 0 5 0 0 39 0 0 0 0 0 0 25 0 0 0 0 0 0 0 1 1 0 0 0 1 2 o 12 13 14 15 16 17 0.0 0 0 5 22 23 24 25 26 27 28 C 0 0 1 Ö

PERCENTAGE OF DATA VALID - 99.9

MEAN

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

0.6

NOTES 1 "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

. INDICATES DATA IS UNAVAILABLE

3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- N	E NO	77018	3	ST, C	CHARLE	s sut	BURY	AIRS	ED				MON	TH -	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	0 0 0 0 0 1 0 0	1 0 0 0 0 1 0	0000000	0000000	0 0 5 0 0 0	0000000	0000000	0000000	0 0 0 0 0 7		0 0 2 0 1 0 0 1	00000000	0000004	0 0 0 0 0 0	0000000	0 0 0 0 0 0	00000000	0010000	0000000	000000000000000000000000000000000000000	0000010	00000000	0000000	0000000	0 0 0 0 0
10	0	0	0	0		0	0	0	0	0	0	0	1	. 0	. 0	- 1	6	3	1	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	• • • •	****	*****
11														ΙΝνΔΙ											
13			•		****	****			••••	• • • •	3	2	1 2	1 2	2	3	5	1	1	1	1	1	1	1	*****
14	2	2	ò	2	2	2	2	2	2	2	4	18	23	25	21	2	3	3	3	2 7	2	2	2	2	2
15	ō	- 1	ŏ	î	- 7	2	2	5	2	2	1	10	23	25	21	- 1			4	3	3	0	1 2	0	5
16	2	3	2	1	1	2	- 7	- 7	1	1	,	1	ò	4	- ;	- 1	,	2	2	2	2	2		0	
17	1	1	1	1	2	2	1	1	1	1	1	1	1	- 1	- 1	- 4	ī	1	1	- 1		- 1	- 1	·	
18	1	1	1	1	1	1	1	1	1	1	•	1	1	4	- 4	1	- 1		1	- 4		-	- 1		
19	1	1	1	1	1	1	1	1	1	1	1	1	1	- i	i	í	,		,	,	,	į.	÷	- 4	
20	1	1	1	1	7	2	1	1	1	1	1	1	2	2	2	3	2	3	3	4	5	4	3	3	2
21	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	О	٥	0	0	0	0	0	0	1
22	٥	0	٥	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
23 24	1	1	1	1	•	1	•	1	1	1	1	1	1	1	1	- 1	1	1	1	1	1	1	1	1	1
24	1	1	- 1	1	1	1	- 1	1	1	•	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
25 26	1	1	1	1	1	- 1	1	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	0	0	1
26	1	1	0	1	1		0	1	2	2	2	2	2	2	2	2	4	4	5	3	3	3	2	3	2
27	3	1	1	0	0	1	2	2	2	5	4	3	2	2	3	2	2		1	1	1	2	2	2	2
28 29	3	2	2	2	1	- 1	3	2	1	2	1	2	1	2	2	1	2	2	2	2	2	1	0	2	2
29	2	3	- 1	0	1	1	1	2	2	2	2	1	1	1	1	2	,	1	2	0	1	2	1	2	1
30	1	1	,	1	0	2	1	1	1	2	2	2	1	1	1	1	1	1	1	0	2	0	1	2	1
31	2	1	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1,	1	0	0	0	0	0
MEAN	1	1	1	ī	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 93.4 PERCENTAGE OF DATA INVALID - 6.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. . " INDICATES DATA IS UNAVAILABLE
- 3. " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTAN	† - S	ULPHU	SDIC	XIDE								UNITS	- 0.	01 PA	RTS/M	LLIO	N						
	STA	TION	- NE	NO 7	7C18	s	т. сн	ARLES	SUDB	UFY	AIRSHE	D				MON	тн - ,	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 0 1 0 0 0 0 0	0020111000	0 0 1 0 0 0 0	0 0 0 1 0 0 0	0010000100	0 0 1 0 0 0	0100000100	0000020000	0 0 1 0 0 0 0	0 0 1 0 0 0 0	0 0 1 0 0 0 0 0	0 0 1 0 0 0 5 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000	0000000000	00000-0000	0 0 0 0 1 0 0 0 0	0 0 0 0 1 0 0 0 0	000000000	0 1 1 1 0 0 0 0 0 0	0 0 0 2 1 0 0 0 0 0	0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0000000000	0000000000	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 1	0000000000	00000001	0000000000	0000000000	0000000000	2000000000	000000000000000000000000000000000000000	0000000000	0 0 0 0 0 1 0 0 0	0 0 1 0 0 0 0 0 0	0000000000	000000000	0000002000	0 0 0 0 0 0 0 0	0 0 0 1 0 2 0 0 0	0000000000	000000000	000000000	0 1 0 0 0 0 0 0 0	0000000000	0 0 0 0 1 0 0 0
21 22 23 24 25 26 27 28 29	0 1 1 2 0 3 0 0 1 0	0010011000	0 1 0 0 1 0 0 0	0 1 0 0 1 0 0 0	0112000000	000000000000000000000000000000000000000	0000000000	000000130	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00000300	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 2 1 0	0000300000	0000300000	0000300100	0000300000	0000300000	000030000	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 1 0 3 0 0 0 1 0	0 0 2 1 3 1 0 0 1 0	0 0 1 0 3 0 0 1 0	0 0 1 1 3 1 0 1 0 0	0 0 0 0 2 0 0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	51	TATION	- NE	NO	77018	1	ST. C	HARLE	s suc	BURY	AIRSH	ED				MON	ITH -	SEP	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0		0	0	0	ō	000	ō	0	0	o	0	0	0	0	0	ō	ő	0	0	0	ŏ	
4 5	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	0	ō	0	0	0	0	0	o	0	
6	1	0	0	0	0	0		****	****	****	0	0	10	11	2	1	1	0	0	0	0	0	0	0	1	
8	0	0	1	0	1	ő	0	0	0	0	Ö	0	1	1	1	i	1	ő	0	ő	0	1	3	2	4	
9 10	1	****	1	1		0	0	0	0	0	0	0	••••			0			0				0	••••	******	
10	****		2129.	2 217 7	771		_	_	-		_	U			.0		-		5	0		·			U	
11	0		0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	1	ō	1	2	2	1	0	2	0	Ó	1	ī	i	1	i	o	0	0	ò	0	0	O	0	ò	j	
14	0	0	0	0		0			0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
16	ő		ő	0	0	o	0	0	0	0	0	0	ŏ	ŏ		0	0	1	1	2	2	2	ŏ	ő	ŏ	
17 18	0		0	0		0	0	0	0	0	0	0	0	1		0	0	0	0	1	0	1	1	0	0	
19	2	1	0	0	0	ò	0	0	0	1	3	3	1	0	0	0	0	0	0	ò	0	ŏ	ó	0	Ö	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
21	0	0	0	0	0	0			0	0	0	0	0	0		0	0	0	0	1	0	0		0	-	
22 23	0		0	0		0	0	0	0	0	3	9	1	0			0	0	0	0	0	0		0	0	
24	0		0	0		0		0	0	1	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
25 26	0		0	0		0			0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	
27	0	0	ō	0	0	0	0		6	5	4	4	3	1	1	0	0	0	0	0	0	0	0	0	1	
28 29	0	0	o	0		. 0			1	0	2	5	В	11	10		3	2	0	0	0	0		0	2	
30	O	ō	O	0	0	0		0	0	1	1	1	1	1	1	1	1	1	1	1	0	0		0	0	
MEAN	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	О	0	0	٥	0	0	0.3	

PERCENTAGE OF DATA VALID - 96.8

PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

OTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. . " INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "**** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION . NE NO 77018 ST. CHARLES SUDBURY AIRSHED MONTH - OCT 24 MEAN HOUR DAY 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 2 1 2 0 0 3 1 2 ò 22 23 24 25 26 27 28 Q 30 O MEAN 0.5

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " --- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO	77018	5	ST. C	CHARLES	SUDE	BURY	AIRSH	ED				MON	TH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 1 0 0 0 0 1	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000	0 1 0 0 0 0 0 0 0 0	000000000	0 0 0 1 0 0 0 0	0 0 0 1 3 0 0 0 1	0 0 0 0 4 0 0 0 0 1	0000900011	0 0 0 0 5 0 0 0 1 1	0 0 0 0 2 0 0 0 1 1	1 0 0 0 0 1 0 0 1 0	3 0 0 0 0 8 0 0 1 0	7 0 1 0 0 3 0 2 1 0	5 0 3 0 0 0 7 1	4 0 1 0 0 2 0 4 1 0	2 0 0 0 0 2 0 2 1 0	1 0 0 0 1 0 2 1 0	10000000000	1 0 0 0 1 0 1 1 0 0	000000000000000000000000000000000000000	1 0 0 0 1 1 0 1 0
11 12 13 14 15 16 17 18 19 20	0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 1 0 0	0 0 0 0 0 1 1 0 0	00000	1 0 0 0 0 1 1 0 0	1 0 0 0 0 1 1 0 0	0 0 0 0 1 1 0 0	0 7 0 0 0 1 1 1	2 3 0 0 0 0 1 0 1 0	1 3 0 5 0 ***** 1 1 0 0 0	1 1 0 7 0 0 1 0 0 0	0 3 0 4 0 0 2 2 0 0	0 2 0 6 0 0 1 3 1 0	1 0 0 5 0 0 2 7 1 0	5 9 0 0 0 2 1 0 0	24 14 0 0 0 0 2 0 0 0	26 6 0 0 0 1 0	17	4 2 0 0 0 0 1 0 0 1	4200000004	1 1 0 0 0 0 1 0 0 3	2 1 0 0 0 0 1 0 0 0	0 0 0 0 0 1 0 0 1	4 2 0 1 0 0 1 1 0
21 22 23 24 25 26 27 28 29	1 0 3 1 2 1 1 0 0	2 0 2 1 6 2 1 0 1 0	2 0 1 1 3 2 1 0 1 0	3 0 1 0 1 2 1 1 0	3 0 1 0 1 2 1 1 0 0	2 0 0 0 1 2 1 0 0 0	1 0 0 0 0 1 1 2 0 0 0	0 0 1 1 3 1 0 0	0 1 0 0 1 1 1 0 1	5 1 1 0 1 1 0 1 0	0 1 0 0 1 0 1 0	O O O O O O O O O O O O O O O O O O O	0 0 1 4 1 1 4 0 4 1	0 3 5 3 1 1 3 0 1 0	4 12 4 1 1 1 0 0	16 10 7 3 1 2 1 0	16 5 3 2 1 1 8 0 0	3 5 3 0 1 8 0 0	0 0 1 2 0 1 5 0 0	0 0 1 2 1 1 3 0 0 0	0 0 1 1 1 1 0 0 0 0	0 0 0 0 1 1 0 0 0	0 0 2 0 1 1 1 0 0 0	0 0 1 1 1 1 0 1 0 0 0	2 1 2 1 1 1 2 0 1
MEAN	0	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	3	3	-1	1	1	0	0	0	0.9

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.3 NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

	STA	TION .	NE	NO :	77018		ST, CH	ARLES	SUDB	URY	AIRSHE	ED				MON	гн - [DEC	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	001000000	0 0 0 0 0 1 0 0 0	0 0 1 1 0 0 0 0	0 0 1 2 0 2 2 0 0 0	0 0 1 0 2 0 0 0	0 0 1 1 0 2 0 0 0 0	000100000	0 0 0 2 1 2 0 0 0 0	000100000	0 0 0 0 1 1 0 0 0 0	0 0 1 0 0 0 0 2	0 0 0 1 1 0 0 0 1	0 0 1 0 1 1 0 0 0 2	0 2 1 0 1 0 0 0	0 2 1 1 6 1 0 0 0 1	0 0 1 0 0 0 1	0500010001	0 5 1 0 0 0 1	0 4 0 0 0 1 0 0 0 1	0 1 0 0 0 2 0 2 0 1	2 0 0 0 0 2 0 1 0 0	2300040000	0 1 0 0 0 3 0 0 0	0 2 1 0 0 0 0 0	0 1 1 1 1 1 1 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0003000001	5002000003	0 0 0 1 1 0 0 0 0 2	010020003	0 1 0 0 0 0 0 0 3	000000001	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 2	1 0 0 0 0 0 0 0 0	000000000	1 0 0 0 0 0 0 0 0 0	3 0 2 0 0 0 0 0 1 0	4 0 0 0 0 0 0 0 0 0	2000000000	2010000000	1050000000	000000000	000000000	0 0 2 0 1 0 0 0 0 0	000000010	0 0 0 0 0 0 0 1 0	0 0 1 0 0 0 0 1 0	002000000	0 0 2 0 1 0 0 0 0	1 0 1 0 0 0 0 0 0 0 1
21 22 23 24 25 26 27 28 29 30	000000000	0 1 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	000000100	0000000000	000000000	0000000000	000000000	000000000	000000000000000000000000000000000000000	00000000000	0000000000	0000000000	0 0 0 0 0 0 0 0	N 0 0 0 0 0 0 0 0 0	14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 2 0 0 0 0 1 0 0 0	34 2 0 0 0 0 1 0 0 0	17 0 0 0 0 0 1 0 0 3	11 0 0 0 0 0 0 1 0 0 1	8 0 0 0 0 1 0 0 0	4 0 0 0 0 0 1 0 7	4000000000
31	4	0	3	5	0	0	0	0	0	0	0	0	0	3	5	3	0	0	0	0	0	5	2	0	1
MEAN	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	0.5

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77018 ST CHARL	ES SUDBURY AIRSHED		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.4	3	10
FEB	29	0.8	7	78
MAR	31	0.6	3	13
APR	30	0.6	10	43
MAY	28	1.1	5	25
JUN	30	0.3	2	13
JUL	31	0.3	ĺ	14
AUG	31	0.3	î.	6
SEP	29	0.3	2	12
OCT	31	0.5	3	22
NOV	30	0.9	4	26
DEC	31	0.5	4	34
YEAR	362	0.5	10	78

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION . NE	NO 7701	8 ST. C	MARLES SUDB	URY AIRSHE	D		
MONTH OO	TO 04	05 TO 10 1	11 TO 14 15	TO 25 26	TO 39 40	SOVER	TOTAL
JAN	732	12	0	0	0	0	744
FEB	668	17	4	3	1	1	694
MAR	723	18	2	0	0	0	743
APR	696	13	2	4	3	1	719
MAY	683	8	0	4	0	0	695
JUN	713	1	1	0	0	0	715
JUL	739	3	-1	0	0	0	743
AUG	739	5	0	0	٥	0	744
SEP	685	9	3	0	0	0	697
oct	728	12	2	1	٥	0	743
NOV	685	25	2	4	1	0	717
DEC	725	14	2	1	1	0	743
YEAR	8516	137	19	17	6	2	8697

FREQUENCY DISTRIBUTION BY PERCENTILES
PERCENT
OF DATA
VALID MIN 10 CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT
50 70 90 95 ARITH MEAN 30 99 MAX 99.0 0 0.0 0.0 0.0 0.0 1.0 1.9 4.1 6.6 78 0.5

UNITS - 0.01 PARTS/MILLION

	STA	NOIT	NE.	NO 1	77019		GRASSY	LAKE	SUDE	BURY	AIRSH	ED				MON	TH • 1	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	0 0 5 1	0 0 4 0	. 0 0 0 0	0 0 0	. 0 0 0 0	0 0 0	0 0 0	. 0000	0000	0 0 0	0 1 0 0	- DATA - DATA - DATA - DATA - DATA 0 1 0	A UNA A UNA	VAILA VAILA VAILA	BLE - BLE -		0 2 5 0 0	0 1 3 0	0 0 7 0	0 0 7 0	00200	00000	0 0 3 0 0	0 *	***** 0 2 0 0
11 12 13 14 15 16 17 18 19	0 0 0 0 0 1 0 0 0	0000000000	000000000	0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 1	0 0 0 1 0 0 0 0	0 1 1 0 0 0 0 0	0 0 1 0 1 1 0 0	0 0 0 1 1 1 1 1 0 0	0 0 10 2 1 1 0 1 0	0 0 11 4 1 1 0 0	0 0 6 2 2 1 0 1 0 0	0 0 2 1 0 0 1 0 0 1 0	0 0 2 1 0 1 0 1 1 0 0	0 0 3 1 0 1 0 1 1 0 0	0 0 0 1 0 1 0 0	0 0 0 1 0 0 0 0	0 0 0 1 0 0 1 1	0 0 0 1 0 0 1	0 0 1 1 0 1 0	0 0 0 1 1 0 0 0 0	0 0 0 1 1 0 1 0	0 0 1 1 1 1 0 0 0 0	0 0 1 0 0 0 0 0	0 0 2 1 0 1 0 0
21 22 23 24 25 26 27 28 29 30	0 1 0 0 1 1 0 1	0 0 0 0 1 1 1 1 0 0	0 0 0 0 0 1 0 0 0 0	0000000000	0 0 0 0 1 0 0	0 0 0 1 1 0 0	1 0 0 0 2 0 1 0 1	0 0 0 0 2 0 0 1 0 1	0 0 0 0 0 0 0 1	0 0 0 1 1 0 1	0 0 1 0 1 0 8 3 1	0 1 0 2 2 0 2 2 1	0 0 0 1 0 0 1 2 1	0 0 0 1 0 0 1 3	0 0 1 0 1 0 0 1 6	0 0 1 0 1 0 0 1 5	0 0 1 1 0 0 1 4 0	0 0 0 0 1 0 4 1 4 0	0 0 0 1 1 0 1 3 0	1 0 0 0 1 8 4 2 3 1	1 0 1 0 5 6 3 3	0 0 0 0 1 4 2 3	0 0 0 0 1 1 2 3 2	1 0 0 0 0 0 0 0 2 1 2	0 0 0 1 1 1 1 2 1
31 MEAN	0	0	0	0	0	0	0	0	0	1	1	1	3	2	1	0	0	0	0	0	0	0	0	0	0 0.6

PERCENTAGE OF DATA VALID - 82.0

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 17.9

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - NE NO 77019 GRASSY LAKE SUDBURY AIRSHED MONTH - JUN 76 HOUR 10 11 12 16 17 18 24 MEAN 20 21 22 23 DAY 26 1 0 20 0 0 13 0 0 Ó 12 13 14 15 16 17 0 0 0 0 0 18 0 13 0 0 15 6 7 0 ŏ 0 2 0 5 22 23 24 0 0 2 26 27 28 MEAN

PERCENTAGE OF DATA VALID - 99.9

PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION -	NE	NO	77019		GRASSY	LAKE	SUDB	ŲRY	AIRSHE	D				MONT	r H	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	000000000	0000000000	000000000	000000000	0000000000	0000000000	0000000000	0000000000	00000000	000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000:50	0000002010	0 0 0 0 0 0 7 0	000000000000000000000000000000000000000	0 0 0 0 0 0 4 0 1 0	000000000	0000000000	000000000	0000000000	000000000	0000000000	000000000	0 0 0 0 1 0 0 0
11 12 13 14 15 16 17 18 19	0 0 0 1	0	4 0 0 0 0	0 0 0 0	30000	0 0 0 1	0 0 0 1	00000	00000	0000	0 0 0 7		UNA	AVAILA AVAILA	BLE . BLE .	• 2 • 4 • 5	0	0000	0 0 0	0	0	0 0 1 -	0 0 1 -	0 0 1 -	0 0 0
21 22 23 24 25 26 27 28 29	0 1 1 2 0 1 2	0 1 1 2 1 1 1 1	0 1 0 2 1 1 2	0 1 0 3 1 1 2	0 1 0 2 1 1 2	0 1 0 2 1 1 1	0 0 1 0 0 1	000000000000000000000000000000000000000	. 0000000	1 0 0 0 0 0	0	- DAT/ - DAT/ 0 0 0 0 0 0 0 0	00000004	AVAILA AVAILA O O O O O O O O	BLE :	000000	0000000	000000	1 0 0 0 0 0	7 0 0 0 0 0 0 0 0	2 0 1 1 0 1	2 0 0 1 0 1 1 0	0 1 0 2 0 1 1 0	0 0 0 2 0 1 1 0	0 0 0 1 0 0 1
31 Mean	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	′ o	0	0	0	0	0 0.3

PERCENTAGE OF DATA VALID - 74.6

PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 25.1

NOTES : . ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3 ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NE NO 77019 GRASSY LAKE SUDBURY AIRSHED MONTH - AUG 76 HOUR В 24 MEAN DAY 1 2 3 4 5 6 7 8 9 10 1° 12 13 14 15 16 17 18 00-000000 -000000001 22 23 24 25 26 27 28 29 0 0 14 14 1 13 0 1 7 0 9 0 1 0 1 MEAN 0.9

PERCENTAGE OF DATA VALID -100.0

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. * " INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

														0.1113	υ.	01 1	4113/11	ILLIE	114							
	ST	ATION	I · NE	NO	77019)	GRASS	Y LAI	KE SUD	BURY	AIRSH	HED				MON	NTH -	SEP	76							
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4	0 0 2	0 0 2	0 0 1 2	00000	0003	0 0 1 1	0 1 1	0 0 1 1	0 0 1	0 0 1 0	0 0 1	1 0 0 1	1 0 1 1	1 0 0 1	0 1 0 1	0 2 1 1	0 2 0 1	0 1 0 1	0 1 0 1	0 0 1 1	0 0 1 1	1 0 1	0 0 1 1	0 1 1 1	0 0 1 1	
5	- 1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	0	1	0	0	1	1	1	0	0	1	
7 8 9	****	0	****	0	****	****	****	****	****	****	****		DATA	INVAL INVAL O 1		0	0	0	**** 0 ***		0	****	0		*****	
11 12 13 14 15													DATA DATA DATA	INVAL INVAL INVAL INVAL INVAL	ID - ID -											
16	***	***	****	***	***	****	***	****	****	***	****	0	0	0	0	0	0	0	0	0	0	0	0	0	*****	
17 18	0	0	0	0	0	0	0	0	0	0	0	1	0	O	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000	Q	0	0	0	
20	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	
21 22 23 24 25 26 27 28 29 30	0 0 0 1 1 1 5 1	0 0 0 0 1 1 1 1 4 1	0 0 0 0 1 0 1 1 4 1	0 0 0 0 1 0 2 1 4 1	0 0 0 0 1 0 2 1 4 1	0 0 0 0 1 0 2 1 3 1	0 0 0 1 1 1 1 1 1 1 1	0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 ***** 1 1 1 1 2 1	0 1 0 - 1 1 1 0 2 0	0 1 0 2 1 1 1 1 1 1 1 1 1	0 1 0 2 1 1 2 1 1 2 2	00042114411	0 0 1 1 1 5 2 2	0 0 0 2 1 1 1 1 2 1	0 0 0 2 1 2 2 4 2 2	1 0 0 1 1 2 1 5 2 2	1 0 0 1 2 2 2 3 2 2 2	1 0 0 1 1 1 1 1 1 2 1	2 0 0 1 1 2 1 1 2 1	2 0 0 1 1 1 1 1 2 2	1 0 0 1 1 1 1 1 2 2	0 0 0 2 0 1 1 1 1 1 2	0 0 0 1 1 1 1 2 1 1 1	0 0 0 1 1 1 1 1 2 2 2 1	
MEAN	14	4	1		360	0	0	0	0	0	1	1	1	1	1	1	1	-1	1	1	1	1	0	3	0.7	

PERCENTAGE OF DATA VALID - 70.0 PERCENTAGE OF DATA INVALID - 29.9

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- \$	ULPH	UR DIO	XIDE							UNITS	- 0.0	01 PAF	RTS/M	ILLIO	N						
	STA	TION -	ΝE	NO	77019	(GRASSY	LAKE	SUDBUR	YA	AIRSHED				MONT	гн - (ост	76						
HOUR DAY	1	2	3	4	5	6	7	8	9 1	0	11 12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 2 1 1 0 2	1 1 1 1 2 1 1 1 0	0 1 1 1 1 2 1 1 0 0	1 1 1 1 1 1 0 0	1 1 0 1 1 1 1 0 0	0 1 1 0 1 1 1 0 0	1 1 1 0 0 1 1 0	1 1 1 1 1 0 1 1 1	1 1 1 1 1 0 1 1 0	1 1 2 1 2 0 0 1 0 0	1 2 3 2 2 1 1 2 2 0 1 1 1 1 1 1 1 0 1 1	3 2 2 2 1 1 0 1 2	2 3 1 2 2 1 0 0	2 3 2 1 2 1 0 0	3 3 2 2 1 0 0 0	3 4 3 3 2 1 1 0 0	3 4 3 3 2 1 1 1 0	2 3 1 1 2 1 0 0	4 3 1 2 2 1 1 1	4 2 1 2 2 1 1 1	3 2 1 2 1 1 1 0 0	2 1 1 1 2 0 1 1 0 1	2 1 1 2 2 1 1 1 0 1	2 2 1 1 1 2 1 1 1 0 0
11 12 13 14 15 16 17 18 19	1 1 2 1 1 1 0 0 0	1 2 0 0 0 0 0 0 0	1 1 3 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0	1 2 0 0 0 0 0 0 0 0 0 0	0120011000	0 1 2 0 0 0 1 1 0 0 0	0 1 1 0 0 0 0 0 0 0	0 1 1 0 1 1 1 0	1 1 2 0 1 1 1 0 1	1 0 2 2 2 1 0 0 0 1 1 1 1 0 0 0 0 0 1 1 1 1	1 1 1 0 0 1 0 0	1 2 1 1 1 1 0 1 1 1	1 2 1 1 1 1 1 1	1 0 1 1 1 1	1 1 2 0 1 1 1 1	1 1 1 0 0 1 1 1	1 2 1 1 1 0 0 1	1 0 0 1 0 1	1 2 0 0 1 0 0 1	1 1 0 1 0 0 1 0 1	1 1 0 1 0 0 0 0 1	1 1 0 1 0 0 0 0 0 1	1 0 1 0 0 0 0 0 0 1
21 22 23 24 25 26 27 28 29 30	0 1 0 0 0 0 0	0 1 0 0 0 0	0 0 0 0	0 1 0 0 0 0	0 1 0 0 0	000000	0 1 0 0 0	1 1 0 0 0 0	0	0 1 1 1 1 0	- DA1 - DA1 - DA1	DATA IA UN IA UN IA UN	O 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	D - BLE - BLE -		0 1 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0
MEAN	1	1	1	0	0	0	Ì	1	1	1	1 1	1	1	1	ì	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 82.1 PERCENTAGE OF DATA INVALID - 3.4

PERCENTAGE OF DATA UNAVAILABLE - 14.5

- 2. *- INDICATES DATA IS UNAVAILABLE
- 3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77019 GRASSY LAKE SUDBURY AIRSHED

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVALI	LABLE	
FEB		DATA UNAVAL	LABLE	
MAR		DATA UNAVAI	LABLE	
APR		DATA UNAVAI	LABLE	
MAY	25	0.6	2	11
JUN	30	1.1	5	33
JUL	22	0.3	1	7
AUG	31	0.9	4	27
SEP	20	0.7	2	5
OCT	25	0.8	2	4
YEAR	153	0.7	5	33

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77019 GRASSY LAKE SUDBURY AIRSHED

MONTH 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 BOVER TOTAL JAN DATA UNAVAILABLE FEB DATA UNAVAILABLE MAR DATA UNAVAILABLE DATA UNAVAILABLE APR MAY JUN JUL AUG SEP OCT

FREQUENCY DISTRIBUTION BY PERCENTILES

YEAR

PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENC	Y DISTR	IBUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
84.8	0	0.0	0.0	0.0	0.2	1,2	2.4	5.3	9.7	33	0.7

UNITS - 0.01 PARTS/MILLION

	STA	TION	NE	NO 1	77028	9	GOVERN	MENT/	EDWAR	D ST	CON	ISTON				MON	TH +	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2 3 4 5 6 7 8 9	0 1 1 1 1 1 2 1 1 1	0 2 1 2 0 1 2 2 2	0 1 2 1 0 1 2 1	0 2 1 1 1 1 2 1	0 1 2 1 1 0 2 1	0 1 1 2 1 0 2 2 1	0 2 1 0 1 0 2 2 1	0 1 1 1 1 0 2 1	0 2 1 2 1 0 3 1	0 * 2 1 2 1 0 2	*** 2 1 1 1 0 2 1	1 0 1 0 2 0 0	1 10 20 20 0	1 1 0 4 1 2 0 0	1 0 1	1 1 0 1 0 3	0 2 1 1 0 2 0 1 0 5	0 1 1 0 2 1 1 0	0 1 1 0 1 0 1	0 0 1 1 0 1 ****	0 1 1 1 0 1 2 1 2 2	0 2 1 1 0 1 1 1 2	0 2 1 2 0 1 2 1	0 2 1 1 0 1 2 1 1 2	****** 1 1 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19	1 0 1 0 1 0 2	1 0 2 0 0 1 0 1 1 2	1 0 2 0 0 0 0 1 1 2	1 0 1 0 0 0 1 1 2	0 0 1 0 0 0 1 6 2	1 0 0 0 0 1 2 2	5 0 1 0 1 - 1 1 2 3	3 0 1 0 0 0 0 1 2 4	2 1 1 0 1 0 1 2 2	1 0 1 0 2 0 0 2 2	1 0 5 2 1 0 0 2 2 0	0 0 1 0 3 3 0 1 2 0	0 0 0 4 1 0 1 1 0	0000500110	0 0 0 4 3 0 8 1 1 0	0000608010	0 0 1 4 0 10 0	0 **** **** 0 4 1 10 1	0 0 0 0 3 1 7 1 0 0	0 0 0 1 1 0 3 2 1 0	00001201320	0000800320	0 **** 0 0 6 0 1 3 2	0 1 0 0 2 0 1 1 2 0	1 0 1 0 2 0 0 2 1 2 1
21 22 23 24 25 26 27 28 29 30	0 0 1 0 2 0 2 0 2 0	0 0 1 0 2 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 1 0 2 0 3 0	0 0 0 0 1 1 2 0 2 0	0 0 0 1 1 0 2 1 1 0	0 0 0 1 0 0 0 0	0 0 0 0 1 1 0	0 0 0 1 0 - 1 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 0 0 0 - 0	0 0 0 0 2 1 0 0 2	0 0 7 1 0 2 1 0 0 25	0 0 0 0 0 6 1 0 48	0 0 0 1 0 2 2 0 0 1 2	0 0 0 8 0 2 0 0	9 0 13 0 2 0 0 3	0 0 9 0 1 0 2 0 4	0 1 0 3 **** 2 0 2 0 3	0 1 0 1 2 2 0 1 0 3	0 1 0 1 0 2 0 1 0 2	**** 1 0 2 1 2 0 2 0 2	0 1 0 1 0 1 0 1 0 2	0 0 2 0 2 0 2 0 1	0 0 0 2 0 1 1 1 0 5
31 MEAN	3	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 1.0
																			100	-		- 5			V 200

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

* - " INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - NE NO 77028 GOVERNMENT/EDWARD ST CONISTON MONTH - FEB 76 HOUR 4 5 9 10 11 12 16 17 18 19 20 21 22 23 24 MEAN DAY 0 0 12 13 0 0 0 ó 0 **** 17 18 ò 22 23 24 Ö 0 **** 26 - DATA UNAVAILABLE -1 3 1 1 1 1 1 1 1 3 2 1 1.3

PERCENTAGE OF DATA VALID - 90.8 PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 6.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

POLLUTANT - SULPHUR DIOXIDE

	ST	ATION	. NE	NO	77028		GOVER	NMENT/	EDWA	RD ST	CON	ISTON				MON	TH - 1	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8	3 1 0 0 1 1 1	0 3 1 0 0 2 - 1 2	0 2 1 1 0 2 - 1	0 1 1 0 2 3	0 1 2 8 2 3 1	0 1 1 1 1 1 3 1	0 1 1 0 2 2 10 2	0 1 4 1 0 1 3	0 1 1 0 2 4 2 2	0 1 1 0 2 2 1 2	01000222	0 1 0 4 0 2 4 1	1 1 0 2 3 2 1 3 2	1 0 0 13 1 1 3	2 1 0 0 25 1 1 3	2 1 0 0 2 1 1 2 2	0 0 1 1 2 2	2 0 0 2 1 0 2 2	1 1 0 1 2 2 0 2	2 1 0 0 1 1 0 2 3	3 1 0 1 1 1 0 2	5 1 0 1 1 1 2 3	3 1 0 1 1 1 1 2 3	0 0 1 1 2 4	1 1 3 1 2 2 2 3
10 11 12 13 14 15 16 17 18 19	8 2 0 0 4 2 0 2 2	5 2 0 0 1 3 2 0 1 2	5 2 2 29 0 1 3 2 1 1 2	5 1 3 23 0 1 3 2 1 2 2	5 1 2 1 2 3 2 0 2 2	5 1 3 0 0 1 3 2 1 2 2	3 1 1 0 0 0 3 2 1 2 2	1 1 0 1 0 4 2 0 2 2	1 0 0 0 0 6 2 1 2 1	1 1 1 0 0 3 0 1 2	1 1 0 0 0 3 1 1 3 2	1 0 0 0 3 1 1 3 2	1 0 0 1 3 1 1 3 2	0 0 1 3 1 2 3 2	1 0 0 0 1 3 0 2 5 2		1 12 1 0 1 9 3 1 2 5 2	1 21 1 0 1 5 3 1 2 5 2	2 36 1 0 1 11 2 1 2 4 2	4 34 1 0 1 11 2 1 3 4	1 17 0 0 0 8 3 1 2 3	6 0 0 7 2 1 2 2	5 3 1 1 0 6 2 1 2 2 2 2	5 2000421222	3 8 1 2 0 3 3 1 1 3 2
21 22 23 24 25 26 27 28 29	1 0 2 3 2 0 2 0 1 4	1 0 2 3 4 0 2 2 1 4	4 2 2 2 2 0 2 30	3 0 2 3 1 0 1 0	1 0 2 0 2	2 0 2 3 2 0 1 0 1	1 0 2 3 1 0 2 1 1	1 0 2 3 2 0 2 0 1 0	3 2 0 1 1 0 1	2 2 2 1 1 1 1 0	0 1 2 2 3 1 1 1 2 1	2 2 2 2 1 1 8	2 2 1 1 1 9 1 0	0 1 2 2 2 1 1 6 1 1	0 1 2 2 2 2 2 2 1	2 3 3 1 2 1 32	0 2 3 3 0 2 1 8 2 1	0 2 3 3 1 2 0 4 2	0 2 3 3 0 2 0 3 2	0 3 3 2 0 2	0 2 3 3 0 2 2 3 3	0 2 2 1	0 2 2 2 1 3 1 2 2 1	0 2 3 2 1 2 1 2 3 0	1 2 3 1 1 1 5 2
31 MEAN	0	1 2	0	2		0	0	0	1	0	0	2	2	1	1	0	0 2	0 2	0	о з	2	0 2	0	0 2	1.9

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

" - " INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION POLLUTANT - SULPHUR DIGXIDE GOVERNMENT/EDWARD ST CONISTON MONTH - APR 76 STATION - NE NO 77028 18 19 20 21 22 12 13 14 15 16 24 MEAN HOUR DAY 0 0 18 1 2 3 4 5 6 7 8 9 22 5 0 0 0 26 0 0 4 15 0 0 27 0 11 0 0 34 ** 0 0 14 0 0 0 0 0 ...2 0 0 0 0 7 0 3 10 0 0 ò 12 13 14 15 16 17 18 19 20 0 0 1 2 2 0 2 0 0 19 22 23 24 25 26 27 28 29 30 0 10 1 0 2 0 5 2 0 0 0 1 1 0 1.8 MEAN

PERCENTAGE OF DATA VALID - 96.5

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

.. INDICATES DATA IS UNAVAILABLE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

																	-,-								
	ST	ATION	- NE	NO	77028		GOVERN	MENT/	EDWAR	RD ST	CON	ISTON				MON	тн - 1	YAW	76						
HOUR	11	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 18 1 1 1 0 0	1 1 3 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 1 0 0 0 1	1 1 1 1 0 0 0 0 0	2 1 0 1 2 1 0 0 0 1	1 0 0 1 2 1 0 0 0 0	2 1 1 2 2 1 0 0	3 1 0 1 2 1 0 0 1 1	2 1 0 3 3 2 0 0 2 1	1 0 0 1 13 3 0 6	2 2 0 1 2 2 0 32 1	1 2 0 1 2 4 1 16 17 0	1 0 0 1 1 3 16 6	1 0 0 1 1 4 8 3	1 0 1 1 7 4 0	0 1 6 1 1 4 3 0	1 16 0 1 **** 8 0 1	0 1 0 1 1 0 3 0 2	1 1 1 0 0 17 0	1 1 0 0 0 1 1	1 0 1 1 1 0 0 0	0 1 1 0 0 0 0	1 1 1 0 0 0 0 0 0	1 5 0 1 1 0 0 0	1 1 2 1 1 2 2 2 3 1
11 12 13 14 15 16 17 18 19 20	1 0 1 1 2 2 *** 1 - 1	0 0 1 1 1 1 1 1 1 0	0 0 1 1 1 1 1 1 1 1 1	1 0 0 0 - 2 7 1 0 0	1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 - 1 41 1 1	0 0 1 1 1 1 1 1 1	0 0 3 1 - 1 2 1 1 2	1 1 2 1 2 1 2 1 *	O 1 1 1 1 1 1 9 1	10 1 0 3 1 1 8 1	1 0 1 2 1	**** 1 0 2 - 1 1 2 2 1	0 0 13 1 1 5 2	0 0 2 - 1 1 6 2 2	0 0 3 1 1 5 3	2 0 0 7 - 0 6	8 0 1 15 1 1 22 2 1	0 0 5 3 1 17 2 ****	0 0 0 1 3 1 5 2 2 5	0 1 1 3 1 1 1 2 5	0 0 1 1 2 2 1 1 1 16	0 1 1 2 2 2 **** 0 1 0 2	0 1 1 2 1 1 1 1 1 1	1 0 1 3 ***** 1 6 2 1 2
21 22 23 24 25 26 27 28 29 30	1 1 0 1 1 2 2 1 2	2 1 0 1 0 1 1 2 1 1 1	2 1 0 1 2 1 2 2 1 1	5 1 1 0 12 0 2 1 0 1	2 1 3 1 3 1 0 0	1 0 1 11 1 4 1 0	1 1 1 33 1 5 2	1 1 1 34 4 1 1 0	1 1 2 1 1 19 7 1 1 0 0	1 1 0 16 42 0 1 0	0 2 2 13 2 1 2	0 **** 1 0 2 6 1 2 2 2	1 0 1 - 3 2 1 5	0 **** 5 1 0 2 11 1 2 2	0 2 8 0 11 5 14 1 3	0 1 19 0 1 14 12 1 3	0 1 31 0 2 26 3 2	1 1 2 0 12 20 3 2 3 3	1 1 1 1 0 9 5 4 3 3	1 1 5 0 1 3 3 2 3	1 1 2 3 3 2 3 3	1 1 2 2 2 2 2 2	1 200133222	1 0 1 1 1 1 1 1 1	1 1 4 1 8 7 4 2 2 2
31 MEAN	1 2	0	0	0	0	0	0	0	0	0	1	1	2	2	13	12	4	4	4	-	***	2	0	o	2
un-conf	_	•			~	*	*	4	2	4	3	3	2	2	3	3	4	4	3	2	1	2	1	1	2.2

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 2.0

PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. "****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	LLUTA	NT - 5	SULPHI	UR DI	OXIDE	Ē							UNITS	- 0.0	01 PAI	RTS/M	ILLIC	N							
	ST	NOITA	- NE	NO	77028	3	GOVER	RNMENT	/EDWAR	RD ST	CON	ISTON				MON	TH - 1	JUN	76							
HOUR Day	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	1 B	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	2 2 2 0 1 0 2 0 1	1 1 2 0 0 0 2 0 1	2 1 2 0 0 0 2 0 1	0 2 1 1 0 0 0 2 1 1	0 1 1 0 0 1 1 1 1	**** 1 1 0 0 2 0 2 1 2	**** 1 0 0 3 0 1 1 1	1 0 1 9	1 1 0 0 6 ****	0 1 0 0 3 1 4 0	1 8 1 1 0 0 2 2 0 2	3 7 1 0 0 13 6 0	0 14 2 1 0 0 23 4	0 11 2 0 0 0 24 3 0	0 6 5 1 0 0 21 3 2	0 5 4 0 0 0 1 2 7 0 1	3 5 9 0 1 0 4 3 0	1 3 4 0 0 4 2 0	1 3 3 0 0 1 4 2 0 1	1 3 3 0 0 1 2 1 2	2 4 4 0 0 0 3 5 2 0	1 2 3 0 0 1 4 3 2	3 3 0 0 1 3 1 4	2 2 2 0 1 0 2 0 0 3	1 4 2 0 0 1 5 3 1	
11 12 13 14 15 16 17 18 19 20	200000000000000000000000000000000000000	4000000121	3000000121	1 0 0 0 0 1 6 2 2 1	0 0 0 0 0 8 1 2 1	****	2000113120	3000002126	3 0 0 0 0 1 4 1 1	2 0 0 1 0 1 25 0 1 7	0 0 0 0 0 0 26 1 1	1000107147	1 0 0 0 1 0 9 1 3 3	1 0 1 0 4 1 8	0 18 2 0 2 1	0 0 7 2 0 2 2 1 1	0 1 2 2 0 3 1 2 1	1 0 1 3 4 2 4 1 0 1	0 **** 1 0 4 3 3 1 1	26 **** 0 1 2 3 3 2 1	0 0 0 1 0 3 2 1 1	0 0 0 5 0 3 2	0 0 2 0 3 1 1 1	000	3 0 0 1 1 1 5 1 3 3	
21 22 23 24 25 26 27 28 29 30	1 1 1 1 3 0 1 6 1	0 1 1 1 3 0 0 1 3 0	0 1 1 0 0 0 0 25 0	0 2 1 1 1 0 0 1 23	0 2 1 1 1 0 0 9 0	0 1 1 1 1 1 0 0 0 5 1	0 0 1 0 1 1	0 1 1 1 0 0 0	1 1 1 1 0 0 0 0 4 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 1 1 3 0 3 2 3 0	11 0 **** 1 7 7 8 3 4	7 1 1 7 3 3 6 0 1	1 1 2 3 2 2 1 0 1	9 1 2 2 1 2 2 1 1 *** 1	14 1 2 2 1 6 1 1	12 2 2 2 1 7 4 1 0	12 2 2 2 1 1 2 1 0	10 2 3 2 2 1 2 1 0 1	1 2 2 1 2 0 2 0 0 1	1 2 2 2 2 0 3 0 0 1	1 2 2 1 1 1 1 0 0 0	1 1 1 2 0 1 1	1 1 1 2 0 1 1 1 1 1	4 1 1 1 2 2 2 1 4	
MEAN	1	1	1	2	1	1	1	1	2	2	3	3	4	2	3	3	2	2	2	2	1	1	1	1	1.9	

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 2.4

PERCENTAGE OF DATA UNAVAILABLE - 1.0

- *- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO	77028		GOVERN	MENT	/EDWAF	D ST	CON	STON				MONT	гн	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4	1	0 1 0 0	1 0 1	1 1 1 0	32 1 2 0	1 11 11	1 1 18 3	1 1 36 5	2 1 35 4	37 0 1	29 0 3 3	1 0 27 23	1 0 1 5	1 0 0 5	0 0 2	1 0 1 6	1 0 1 4	1 7 1 5	0 0 1 3	12 0 1 2	14 0 0	3 0 0	13 0 0	1 0 0	7 1 6 3
5 6 7 8 9	1 3 6 1	0 4 8 1	1 4 5 1	0 3 5 1 1	0 3 4 1	0 3 4 1 2	1 3 4 1 2	2 9 4 1 2	15	0 4 3 16 7	1 3 0 6 6	4 2 0 11 5	9 3 1 10 5	6 3 1 1 6	3	3 1 0 1	3 5 1 0 1	9 5 1 0 1	11 6 1 0	4 6 2 0 1	4 7 7 0 1	6 8 1 1 2 2	3 7 1 1 2 2	3 8 1 . 2 2	3 5 3 3
11 12 13 14 15 16 17 18 19 20	2 1 0 0 0 1 0 1 0 1	2 1 0 0 0 2 0 0 1 1	2 1 1 0 1 0 0 0 1	2100001001	2 1 0 0 1 1 0 0	3 1 0 0 1 1 0 0 0 1	3 1 0 0 1 1 0 0 1	7 1	2 1 0 0 3 0 9 3 4	200000000000000000000000000000000000000	0 0 0 0 22 2 0 1	000000000000000000000000000000000000000	1 0 0 0 1 0 0 3 0 1	1 0 0 2 2 0 12 1 0	1 0 0 2 0 0 15 17 0 3	1 0 0 1 0 0 14 5 0	1 0 0 0 1 0 0 0	1 0 0 1 0 4 1 1 0	0000	1 0 0 0 0 0 0	1 0 0 0 1 0 0	00010001100	1 0 1 1 0 0 2 0 0	1000001010	2 0 0 1 1 0 5 2 1 1
21 22 23 24 25 26 27 28 29	0 0 0 0 1 0 0 1	0 0 0 0 1 0 0 0 .	0 0 1 0 0 1 1	000000000000000000000000000000000000000	0 0	0 0 0	0 0 0 0 1 1 1 1 2	1 0 0 0 1	0 0 0 1 5 0 1 1	0 0 0 1 2 0 0 1	0 0 0 0 0 4	0 0 1 0 0 0 0 5	0 0 0 0 0 1 1 0	0 0 0 0 0 0 0	0 0 0 2 4 0	0 0 0 0 0 0 0 0 0	0 0 0 11 20 0 1	0 0 0 3 14 0 1 0 0	1 1 0 1 2 0 0	0 0 1 0 0 0 0 0	0 0 1 0 0 0 1 0	00000000	0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 2 3 0 0
31 MEAN	1	** 1	0	0	0 2	0	0 2	0 3	о 3	0 4	0 3	o 3	0	0	0 2	0 2	0 2	0 2	0	0	0	0	0	0	0 1.7

PERCENTAGE OF DATA VALID - 96.4

PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. " " " INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *- INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION NE NO 77028 GOVERNMENT/EDWARD ST CONISTON MONTH - AUG HOUR 24 MEAN DAY 3 4 5 6 7 8 9 0 0 1 NO000 · 2 · 3 14 15 16 17 18 19 20 13 1 0 18 0 0 0 0 00. 17 0 0 11 00 0 3 0 0 22 23 24 25 26 27 28 29 30 1 9 MEAN

PERCENTAGE OF DATA VALID - 98.7

PERCENTAGE OF DATA INVALID - 0.8

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. "-" INDICATES DATA IS UNAVAILABLE
 - 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO	77028		GOVERN	MENT,	/EDWAF	RD ST	CON	STON				MON	тн -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 3 2 1 0 0 0 1 2	1 3 2 1 0 0 0 1 2 1	11 3 2 1 0 0 0 1 2	3 2 0 0 0 1 1 1	2 3 3 1 0 0 0 1 1 1 1	2 3 3 0 0 0 0 1 1	2 4 3 0 0 0 0 1 1 1	2 1 0 0 0 5 1	2 3 2 0 0 1 3 1	2 3 0 1 0 0 3 2 1 0	1 3 0 11 0 0 3 2	20 2 1 2 0 10 5 1	2 3 1 2 0 38 10 1 1	2 2 1 8 0 26 6 2	1 2 1 6 0 16 3 4	2 3 1 1 0 0 2 3 5 0	3 3 2 1 0 0 1 4 2	3 2 0 0 0 1 3 1	4 · 3 · 0 · 0 · 0 · 1 · 1 · 0	3 1 0 0 0 1 3 17 0	3 2 2 0 0 0 1 6 15	3 2 0 0 0 1 3 27 0	3 2 0 0 0 0 1 3 1	1 1 0 0 0 0 1 2 0 0 0	3 3 2 2 0 4 2 2 4 0
11 12 13 14 15 16 17 18	0 0 1 1 0 1 1 1 1 1	0 0 1 1 0 0	0 0 1 1 10 0 0 1 1 1 1	0 0 1 1 5 0 3 2	0 0 1 0 1 0 1 2 1	0 0 1 1 0 1 0 0	0 0 1 0 0 1 0	0 0 1 1 0 1 0 1	0 0 3 1 0 0 5 0 3 0	0 16 1 1 0 4 5 0 1	0 11 1 1 0 0 0 0	0 11 1 0 61 1 0 1 23	0 8 1 0 42 3 3 0	0 1 1 1 0 42 17 0 11	0 0 2 1 0 21 10 0 21 15	0 0 1 2 1 19 4 0 10	0 0 1 1 1 17 6 0 39	0 0 1 2 0 12 19 1 4	0 1 2 1 35 5 5 1 34 2	2 1 1 3 0 29 1 0 21 0	2 1 2 1 0 18 1 1 0	1 1 2 1 0 11 0 1 6 0	0 1 1 4 0 3 0 2 1 0	0 1 1 0 0 2 1 2 1 0	0 2 1 1 1 14 3 1 7
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 2 1 1 1 1 1 1 1	0 19 0 0 1 1 2 1	0 6 0 1 1 4 1 1	1 1 0 0 1 1 2 1 1 0	1 0 0 1 0 - 1 1 0	1 0 1 1 1 1 2 2	1 0 0 0 1 2 2 1	1 0 0 1 1 1 1 2 4	2 0 0 4 12 1 2 4 8	2 0 0 15 18 0 11 0 8	1 0 0 26 4 1 30 1	1 0 2 3 9 1 34 1	20 3 1 4 1 20 0 14 1	1 0 1 1 5 3 23	1 0 0 1 4 0 1 1 1 1 1 1	0 0 0 1 3 3	0 0 1 3 0 1 0 1 2	0 0 1 3 0 2 1 3 1	0 0 1 7 3 1 0 1	1 0 0 1 2 1 1 1 1	0 0 0 1 1 1 1 1 1 1 1 1	1 0 3 1 1 1 0 0	1 0 0 2 1 1 1 1 0 1	1 1 0 3 4 1 7 1 3
MEAN	1	1	2	1	1	1	1	1	1	2	3	7	6	6	5	3	3	2	4	2	-			ž.	

PERCENTAGE OF DATA VALID - 97.5

PERCENTAGE OF DATA INVALID - 1.5

PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- " INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3 "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION GOVERNMENT/EDWARD ST CONISTON STATION - NE NO 77028 MONTH - OCT 76 HOUR 11 12 13 14 15 20 21 22 23 24 MEAN DAY n 3 4 5 6 7 12 8 9 12 20. 2 3 17 õ O 22 23 24 25 Δ 27 MEAN

PERCENTAGE OF DATA VALID - 92.9

PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 6.5

1.5

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO	77028	(GOVERN	MENT/	EDWAR	D ST	CONI	STON				MON	H - N	ΙΟV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 0 1 1 0 0 1 1 1	1 3 0 1 1 1 0 0 1 1 1	1 4 0 1 1 1 0 0 1 1 1	1 8 0 1 1 1 0 0 1 1	1 6 0 1 1 1 0 0 2	1 7 0 1 1 1 0 0 2 2	3 0 1 2 0 0 0 2 2	1 2 0 1 1 1 1 0 2	1 1 0 1 1 6 1 0 2 4	0 1 1 1 1 0 0 2 3	0 1 1 0 1 0 1 1 3	1 1 1 0 0 0 1 1 2	0 2 1 1 0 1 0 1 1 2	1 1 2 3 0 1 1 1	3 - 4 0 0 1 1 1 1	0 0 1 1 1 1 1	0 0 1 2 6 1 1 0 1 1 1 1	1 0 5 1 0 1 1 1 1	1 0 3 1 1 0 0 1 1 1 1	1 0 2 2 0 0 0 1 1 1 1	1 1 2 1 0 0 0 1 1 2	1 0 1 1 1 0 2 1 2	1 0 1 1 0 2 1 2	1 0 1 1 0 0 1 1 2	1 2 2 1 1 1 0 1 1 2
11 12 13 14 15 16 17 18 19	1 3 2 2 1 1 1 0	3 0 2 1 1 2 1 0	1 1 0 3 1 1 2 2 0	2 1 2 1 3 1 1 1 2 0	2 1 1 2 1 1 0 2 1 1	2 1 0 2 1 0 2 1	2 1 3 0 2 0 1 0 3 0	3 2 2 2 1 1 0 4	3 2 2 2 1 2 0 0 0	2 1 2 1 2 0 0 0	3 0 0 0 0	2 1 3 10 1 13 1 0 0	2 1 3 2 6 2 0 1 0	4 1 3 3 2 5 2 0 1 0	9 1 2 2 2 1 2 1 0	7 1 1 2 1 1 2 1 1 0	3 2 2 1 1 1 2 0 0 1	3 1 2 2 1 1 2 0 1 0	2 1 2 2 1 1 1 0	2 2 1 1 1 0 1 1	1 3 4 3 1 1 1 0 0	1 3 4 3 1 1 0 0	1 2 3 1 1 2 0 0	1 2 7 2 1 1 1 1 0 0	3 1 3 2 2 2 1 0
21 22 23 24 25 26 27 28 29 30	0 0 0 0 1 2 1 1 1	0 0 0 0 1 1 2 1	1 0 0 0 0 1 1 1 3 1	00000110021	0 0 0 1 1 1 1 1 1	1 0 0 0 0 0 2 1 0 1 1	0 0 0 0 1 2 0 1 1	0 0 0 1 1 2 0 4 1	1 1 0 2 6 1 2 0 4 1	0 1 0 1 6 1 1 9 2 2 1	1 0 0 4 2 1 1 9 1 1 2	0 1 0 2 2 1 2 4 2 1	0 0 0 1 1 1 2 7 4 1	1 0 2 0 1 1 1 3 4	0 0 1 0 1 3 1	0 1 0 2 0 1 0 0 3 1	0 2 0 1 0 1 1 1	0 0 0 2 0 1 0 1 1 2	0 0 0 1 0 1 0 2 1 1	0 0 0 0 0 1 0 2 1 2	1 0 0 0 0 1 1 1 1 1 1 1	0 0 0 1 2 1 1 1 1 1	0 0 0 1 19 1 2 1 1	0 0 0 0 1 1 1 1 1 1 1	0 0 1 1 2 3 1 2 1
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	1	2	,	1	1	1	1	1	1	1	2	1	1.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- INDICATES DATA IS UNAVAILABLE
- 3. "---- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO	77028	(GOVERN	MENT/	EDWAR	D ST	CCN	ISTON				MON	TH -	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
i	1	1	1	1	1	1	1	1	2	0			i er		1.00		Ť	1	1	1	0	0	4	0	1
2	0	0	0	0	0	0	0	0	0	0	0		0	0	0	1	1	1	0	0	0	0	0	0	0
3	0	1	1	0	0	0	1	1	2	1	3	2	2	2	1	2	2	4	5	3	2	2	1	1	2
4	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	- 1	1	1
5	1	1	1	1	1	1	1	1	1	2	4	2		1	1	1	1	1	1	1	1	1	1	1	1
5 6	1	1	1	1	2	4	4	3	4	3	1	1	1	1	1	1	1	1	2	3	3	3	3	3	2
7	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	ō	ō	ō	o	ō	ō
8	1	1	1	0	0	0	0	0	1	1	1	1	1	1	3	3	3		2	ĭ	o	ō	ō	1	ī
9	o	1	1	1	1	1	1	1	1	1	2	1	5	4	4	3	2	1	1	1	1	2	2	2	9
10	1	1	4	1	2	2	2	2	3	3	2	2	2	2	1	2	2	3	6	2	1	ī	2	1	2
1.1	1	1	0	1	1	1	2	1	1	1	3	2	2	3	4	2	2	2	2	2	1	1	1	1	2
12	•	•	ī	1	î	1	2	1	18	1	1	1	1	2	3	1	2	1	1	- 7	- 1	i	- 1	1	5
13	1		î	1	1	1	1	1	2	1	1		5	-		90		1	1	1	•	- 1	1	9	ī
14		2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	1	4	1	1		2
15	1	4	- 7	1	1	1	1	1	7	4	9	ō	0	ō	1	ō	o	o	ò	ò	ó	ò	Ó	0	7
16	o	0	ò	0	0	1	0	1	0	0	1	0	0	1	1	2	3	29	32	13	10	4	1	1	4
17	1	ĭ	1	ĩ	0	1	1	1	ĭ	1	4		1	î	1	- 1	1	1	1	1	0	ò	ó	ò	
18	ò	Ó	- 4	- 1	7	1	1	1	4	0	1	1	Ó	ó	2	o	-		•	4	ĭ	1	1	ĭ	•
19	1	1	- 4	Ó	1	0	1	1	1	1	1	1	1	4	8	3			2	2	ż	3	2	•	
20	1	À	3	2	13	17	38	2	•	1	0	Ó	- 1	1	õ	ō	0	0	ō	ō	ō	õ	ō	ò	Ā
		-	-					_			:	-				-	_			-		-			-
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	1	1		0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	1	2	2	2	1	2	1	2	3	4	3	3	3	3	2	2	1	1	1	1	2
24	,		1	2	3	2	1	1	2	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1
25 26	1	1	1	1	. 1	1	1	1	1	1	- 1	2	1	2	2	1	1	0	0	0	0	0	0	٥	1
26	0	0	0	0	0	٥	٥	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	1	1	,	1	2	7	2	1	0	3	5	4	4			8	6	5	5	3	3
28	2	2	2	2	2	4	3	2	1	1	2	5	7	3	5	3	• • • •	3	2	0	1	0	0	0	2
29	1	3	2	4	1	4	3	2	2	1	7	5	2	1	0	0	0	1	0	0	0	1	0	0	2
30	С	1	٥	0	С	٥	0	0	0	0	0	0	0	0	4	0	٥	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	2	2	1	2	1	2	7	1	1	2	1	1	2	2	2	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.9

- .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

MONTALT SOMMART	OF HOUNE) AND & HOUR	ET BATA TON 1910		
POLLUTANT - SULP	HUR DIOXIDE		UNITS - 0.01 PARTS/MILL	ION
STATION - NE NO	77028 GOVERNMEN	T/EDWARD ST CONISTON		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	1.0	5	48
FEB	27	1.3	6	47
MAR	31	1.9	8	36
APR	29	1.8	9	38
MAY	30	2.2	8	42
JUN	30	1.9	5	33
JUL	31	1.7	7	44
AUG	31	1.4	4	41
SEP	30	2.5	14	61
OCT	29	1,5	5	56
NOV	30	1.2	3	19
DEC	31	1.4	4	38
YEAR	359	1.7	14	61

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SU	LPHUR DIOXID	E				UNITS - O.	O1 PARTS/MILLION
STATION - NE	NO 77028	GOVE	RNMENT/ED	WARD ST C	ONISTON		
MONTH OO	TO 04 05 T	0 10	11 TO 14	15 TO 25	26 TO 39	40 &0VER	TOTAL
JAN	692	17	3	1	0	Ĩ	714
FEB	610	13	2	3	2	2	632
MAR	667	29	5	4	5	0	710
APR	638	28	9	15	5	O	695
MAY	638	32	16	1.4	5	2	707
JUN	639	37	9	7	4	0	696
JUL	653	38	11	8	6	1	717
AUG	685	31	7	10	0	1	734
SEP	628	28	13	20	10	3	702
ост	648	27	7	7	1	1	691
NOV	693	15	3	3	٥	٥	714
DEC	696	19	2	2	3	O	722
YEAR	7887	314	87	94	41	11	8434

FREQUENCY	DISTRIBUT	ION BY	PERCENTILES									
	PERCENT					CONCEN	TRATIONS					
	OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
	VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
	96.0	0	0.0	0.0	0.4	0.9	2.7	5.4	12.5	19,9	61	1.7

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	S	TATION	. N	E NO	77052	2	LOCK	ERBY	SUDBUI	NY AIR	SHED					MO	NTH -	JAN	76						
DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	0	0	0			0	0	1	0		0		0		1	1	1	1	0	0	0	0	1	0	1 0
4 5 6	******	and the controls		B-0747-5-Y			Part Land					:	DATA DATA	I NVA I NVA I NVA	LID -							••••		••••	
7 8	****	••••	••••	••••	****	••••	••••	••••	****	****	2	2	0	0		0		1	1	1	1	1	1	2	*****
9	ò	ò	ò	ó	ò	ò	ò	0	0	0	1	1	0		1	0	0	0	0	0	0	0	0	0	1
10	-		·			•		·	•		·			NAVAI	LABLE		•	•	•	•			*		•••••
11										_		- D	ATA U	NAVAI	LABLE										
13	1	1	1	1	1	1	1	1		1	1	1	1	1	0	0	0	0	0	0	0	0	0	ō	•••••
14	0	0	0		0	0	0	0	0	••••	o	o	ò	ò					1		0		0	0	0
15 16	1	0	0			0		0	0	0	****	0	1	1	0	0	0		- 1	0	1	0 6 0 0 2	8 0	5	1
16 17	2	1	0	1	1	1	1	1	••••	3	1	1	1	0	0		1	3	2	o	Ó	ŏ	ō	ō	i
18	Ö	0	0	0	0	0	0		0	0	0		0	0		0	3	5			0	0	0	0	- 1
19	ő	ő	ő	ő		0			1	1	ő		0	0		0	1	1	1	1	2	2	2	0	1
20	2	2	2	2	2	2			3	ò	ō	ő	ī	1	ó	• • • •	ò	ò	0	0	0	0	0	0	;
21	0	0	0	0		0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
23	ŏ	ŏ	ő	ő	ő	o	ő	0	0	0	0	0	12	13	0	0	0	0	0		0	0	0	0	0
22 23 24 25 26						· ·	-	•			·	-	DATA	INVA	LID -		***						••••	••••	*****
26	****	****	••••	****	••••	• • • •	••••	***	****		****		****	****	0	0	0	0	0	0	0	0	0	0	
27 28	1	1	1	1	0	0	0	0	0	0	0	0	0	0	o	0	0	ŏ	0	ŏ				ŏ	0
28 29	0	0	0	0	0	0	0	0	0	0	0		0		0	0	0	000	1	1	0	0	0	ō	ŏ
30	0	;	- 1	1	0	0	0	0	0	0	0	****	1	0	0	0	0	0	0	0			0	0	0
					-				7			9		2	1	0	0	٥	0	0	0	0	0	0	2
31	1	1	1	1	2	3	4	3	2	0	1	0	٥	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1	1	0.6

PERCENTAGE OF DATA VALID - 65.6

PERCENTAGE OF DATA INVALID - 24.6

PERCENTAGE OF DATA UNAVAILABLE - 9.8

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. " INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NE NO 77052 LOCKERBY SUDBURY AIRSHED MONTH - FEB 76 HOUR 9 10 11 12 13 14 15 17 18 19 20 21 22 23 24 MEAN 0 3 6 ŏ o 9 10 ò o ò 12 13 14 15 16 17 O Ö 0 0 o 0 0 000-0 ... o Ó ō 22 23 24 25 26 27 4 1 ... MEAN 0 0 0.7

PERCENTAGE OF DATA VALID - 97.7

PERCENTAGE OF DATA INVALID - 2.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. " --- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2 *- INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION -	NE	NO	77052	ı	LOCKE	RBY S	UDBUR	Y AIR	SHED					MON	тн - 1	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	1;	3 14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 34 0 0 0 0 0	0 10 0 5 0 0 0 0 5	0 1 0 1 5 0 1 0 5	0 2 0 3 2 0 1 0 6	0 0 0 0 0 0 0 0 4	0 0 0 1 3 0 4 0 0 5	0 0 0 1 0 0 2 0 0 5	0 3 0 2 0 0 1 0 0 4	0000	0 0 0 2 0 2 0 1	6 0 1 0 1 0 0 0	40 1 0 4 0 0 0 0	(0 0 0 7 6	10 **** 0 2 0 0 0 3 0 0	10 10 0 0 0 0 1 0 0	6 13 0 0 0 0 0 0 0	4 19 0 0 0 0 0 1	5 25 0 0 0 0 2 0 0	4 36 0 0 0 1 0 0	9 20 0 0 0 0 0	26 1 0 7 0 0 0 0	15 0 0 13 0 0 0 0	9 0 0 0 1 0 0 1 0	8 7 0 3 1 0 1 0 0 3
11 12 13 14 15 16 17 18 19	1 1 0 1 0 0 0 0 0	0 1 0 1 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0	0 2 0 0 0 0 0 0 0	0 2 1 0 0 0 0 0 0 0	1 2 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	2 0 0 0 0 0 0 1 0	1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 3 0 0 0	(25 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7	7 0 0 0 1 3 2 0 1 0	4 0 0 2 0 0 1 0 1 0	3002200010	1 0 0 5 0 0 0	0 0 0 1 3 0 0 0 0 0	0 0 0 0 0 0 0 0	0 1 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0	2 1 0 0 1 0 1 0
21 22 23 24 25 26 27 28 29	0 0 0 0 0	00000	1 0 0 0 0	0 0 0 0 0 0	00000	000000	0 0 0 0 0	0 0 0 0 0	0 0 0 1 0	0 0 0 0	0 0 0 1 1 0	- D	ATA 1	0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0	O O LABLE LABLE		0 0 0 1	0 0 0 1 0 -	0 0 0 1 0 -	0 0 0 1 0 -	00000-	0 0 0 0	0 0 0 0 0 -	0 0 0 0 0 0 0 0 0	0 0 0
31														UNAVAI											
MEAN	2	1	1	-1	0	1.	0	0	0	0	1	2	- 6	2 3	2	2	1	1	2	2	0	1	1	0	1.1

PERCENTAGE OF DATA VALID - 80.5 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 17.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. * INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	P	OLLUT	ANT -	SULP	HUR DI	OXIDE								UNITS	5 - 0.	01 PA	RTS/M	ILLIO	N						
	S	TATIO	N - N	E NO	77052	9	LOCKE	ERBY S	SUBBUR	Y AIR	SHED					MON	тн - ,	APR	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
2345678910	. 000000000	0 2 0 0 0	0 0 0 1 0 0	000000000000000000000000000000000000000	000001000	-00000 - 000	000000000000000000000000000000000000000	400001000	80020000	900200	2000300000	0 0 0 0 0 0 0	1 0 0 1 0 1 0	1 0 0 1 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0	1 0 0 0 1 0 0 0 0	1 0 0 0 2 0 0 0 0	100220000	1 0 0 1 2 0 0 0 0	100010000	100020000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 1 0 0 0
11 12 13 14 15 16 17 18 19	0000	000	0	0000	0000	0 0 0 0	0000		0 1 0	0 2 1 1 1	0 5 2 1	 14.	DATA DATA DATA DATA	O 1 1 INVAL INVAL INVAL INVAL 36	- DI. - DI.	3 1	0 0 0 1	0 0 1	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	0 1 1 1 0
21 22 23 24 25 26 27 28 29 30	. 000000000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 3 0	100000000000000000000000000000000000000	100001800011	1 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 1 0	6000400	4 0 0 1 10 0 0 0	0 1 0 2 0 0 1 2 0	0 2 0 0 0 0 0 0	0 17 0 1 0 0 0 0 6	**** 2 0 0 0 0 0 15	0 27 0 0 0 0 ****	0 0 11 0 0 0	0 0 4 2 0 0 0 25	0 0 2 1 0 0 0 0 10 1	0 0 0 0 0 0 1 1	0 0 0 0 0 0 1 0	000000010	0000000000	0000000000	0000000000	0 0 0 0 0 0 0 0 0	1 0 3 0 2 0 0 0 4
MEAN	0	0	0	Ť	1	0	0	1	1	1	6	5	5	4	2	4	3	1	1	O	0	O	0	0	1.5

PERCENTAGE OF DATA VALID - 77.6 PERCENTAGE OF DATA INVALID - 20.3

PERCENTAGE OF DATA UNAVAILABLE - 2.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "." INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- NE	NO	77052		LOCK	RBY S	SUBBUR	Y AIR	SHED					MON	(ТН -	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	• • • •	••••	••••	••••	• • • •	••••	••••	••••	••••	••••		• • • •	••••	****		••••	••••	• • • •	12/2/2017	*****
2	••••	••••	••••	****	****	****	••••	****	••••		••••	****	0.00	****	0.00	****		••••	0	0	1	4	2	0	*****
3	0	0	0	0	1	14	5	3	3	5	1	1	3		0	0	0	0	0	0	2	6	0	0	2
4	0	0	1	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	ŏ	0	0	0	0	0		1	0	0	0	0	0	0	0	0	0	
6		0	0	0				3	1	0			0	0	1		2	1	2	3	0	0	0	0	1
	0	·	2	0	0	0	0	2	7	47	10	0		0	0	0	ő	3	1		0	0	0	0	1
9	ő	ò	0	٥	ő	ő	Ÿ	7	ó	*0	0	ò	5	19	0 26	12	5	Ö	0	0	0				3
10	****					100	****	ó	ŏ	1	1	٠	••••	19	-26	12		٠	0				0	0	7
10				* = = =	A 100 A 100	***		· ·	0	<u>k</u>		3.			U			1.	4		- 1	0	U	U	1
11	0	0	0	0	0	0	0	0	٥	0	0	0	0	0	o	0	0	0	0	0	0	o	0	0	0
12	ŏ	ŏ	Ö	ŏ	ŏ	ŏ	ŏ	2	4	39	31	66	47	15	5	9	2	ĭ	ŏ	ŏ	ŏ	ŏ	ő	ĭ	ŏ
13	ŏ	Ö	ŏ	ŏ		õ	ŏ	****	0	0	Ô	0	0	0		õ	ō	ó	ŏ	ŏ	ŏ	ŏ	1		,
14	ō	Ď	ŏ	0	0	0	ō	0	ŏ	1	1	1	1	5	1	3	3	5	7	ŏ	ŏ	ő	Ó	ò	ĭ
15	ŏ	ŏ	ő	ō	o	****	****	****	****			****	****					****		****	****	****	****	****	*****
16		****	****					****				****	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	****	****	0	0	0	0	0	ō		ō	ŏ	ō	ō	ŏ	ō	ŏ	ŏ	ō	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	ō	ō	ō	0	0	
19	0	0	ō	0	0	0	0	0		0	0	0	0	0	ō	0	0	0	1	ō	ō	ō	Ō	0	
20	0	0	0	10	4	2	0	0	0	0	0	0	4	11	4	3	1	1	0	1	4	0	3	1	
																						1771			
21	0	O	0	0		٥	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0		0	0			0	0	0		0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0		0	0			0	0	0	0	0	0	0	٥	0	0	0		0	0	0	
24	0	0	0	0		٥	0		-	0	0	0		0	0	0	0		0	0	0	0	0	0	
25	0	0	0	0		0	0		0	0	0	2	4	0	4	3 12	1	1	2	0	0	0	0	0	1
26	0	0	0	0		0	0	٥		0	15	16	37	38	46		9			1	1	1	1	1	8
27	0	0	0	1	0	1	1	0	11	7	1	3	7	6	1	0	٥	1	1	1	1	1	1	1	2
28	1	1	1	1	1	1	1	- 1	1	3	4	4	1	1	1	- 1	1	1	2	2	2	1	0	1	1
29	. 1	1	1	1		_ 1	1		1	2	8	4	2	2	2	2	2	2	2	2	2	2	1	1	2
30	1	1	0	0	1	1	1	,	1	2	2	2	,	1	1	1	1	2	1	1	1	1	1	1	1
31	1	7	1	1	1	1	1	1	1	1	2	3	2	2	5	12	3	2	2	2	1	1	1	1	2
MEAN	0	0	0	1	0	1	0	1	i	4	3	4	4	4	4	2	1	ì	1	1	1	1	٥	٥	1.4

PERCENTAGE OF DATA VALID - 87.6

PERCENTAGE OF DATA INVALID - 12.1

PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- * INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - NE NO 77052 LOCKERBY SUDBURY AIRSHED HOUR 24 MEAN 7 14 0 0 0 2 3 4 5 6 7 8 9 10 5 3 0 .. 000000N 00. 12 13 14 15 16 17 18 19 00000-0000 0 2 0 22 23 24 25 26 27 28 29 30 0 0 0 0 1 13 0 2 1 2 0 0 0 4 0 0 0 MEAN 1 1 1.1

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 4.0

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION - NE NO 77052 LOCKERBY SUDBURY AIRSHED MONTH - JUL HOUR 24 MEAN DAY DATA INVALID DATA INVALID DATA INVALID DATA INVALID ō ō C Q n n O Ô Ō n n n n n n O 22 O a 24 26 27 n 29 n O o n MEAN

PERCENTAGE OF DATA VALID - 80.8

PERCENTAGE OF DATA INVALID - 16.5

PERCENTAGE OF DATA UNAVAILABLE - 2.7

0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION STATION - NE NO 77052 LOCKERBY SUDBURY AIRSHED MONTH - AUG HOUR DAY 24 MEAN n O o ō Ó ō DATA UNAVAILABLE ...0 **** DATA 7 INVALID Ö ĭ MEAN Ö 0.9

PERCENTAGE OF DATA VALID - 73.9

PERCENTAGE OF DATA INVALID - 16.7

PERCENTAGE OF DATA UNAVAILABLE -

- *- * INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

POLLUTANT - SULPHUR DIOXIDE

MONTH - SEP LOCKERBY SUDBURY AIRSHED STATION - NE NO 77052 19 20 21 22 R 11 12 13 14 15 24 MEAN HOUR DAY 7 8 9 ó 12 13 14 15 16 17 ... 0 6 0 10 0 29 n 13 0 ō 0 0 ŏ 22 23 24 25 DATA UNAVAILABLE 0 0 0 0 1 1 0 0 7 4 18 5 0 0 27 28 29 O

PERCENTAGE OF DATA VALID - 35.3 PERCENTAGE OF DATA INVALID - 7.8

MEAN

PERCENTAGE OF DATA UNAVAILABLE - 6.9

0.8

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

.. INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. ***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

LOCKERBY SUDBURY AIRSHED MONTH - OCT STATION - NE NO 77052 24 MEAN HOUR DAY ō ō 12 13 14 15 16 17 ...0 ...0 .. o ō C 22 23 24 25 26 0 0 0 1 n o 0000. 28 Q t 0.3

PERCENTAGE OF DATA VALID - 95.6

MEAN

PERCENTAGE OF DATA INVALID - 4.4

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "- " INDICATES DATA IS UNAVAILABLE 2.
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO '	77052	į.	OCKER	BY SU	DBURY	AIRS	SHED					MON	TH - 1	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	2 0 0 2 0 0 0 0 1	1 3 0 2 0 0 0 0 1	0 4 0 1 0 0 0 0 0 0	030300000	0 3 0 2 0 1 0 0 0 0	0 2 0 2 0 0 0 0 0	0 2 0 0 0 0 0 0 1	0 0 0 0 0 1 0 2	0 0 0 0 1 0 0 0 3	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 0 0	0 0 19 **** 0 0 0	0 0 2 2 0 1 0 2 0 0	2 0 1 10 0 2 0 1 0 0	5 0 0 7 2 0 0 5 0 0 *	7 0 5 1 0 8 0	40000 - 0000	0 0 5 0 0 1 0 2 0 0	0 0 4 0 0 0 0 0	0 0 2 0 0 1 0 0 0 0	0 0 3 0 0 1 0 0 1	N00000000	0 0 0 0 0 0 1 1	0 0 0 0 0 1 0 0 1 2	1 1 1 4 0 0 0 1
11 12 13 14 15 16 17 18 19	2000000000	2000000000	0000000000	000000000	000000000	0 0 0 0 0 0 0 1 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	000000000	010000000000000000000000000000000000000	0000000040	0030000000	5000000000	7 0 0 0 0 0 0 0 0 0 0	8000000000	0000000000	000001000	0 0 0 0 0 1 0 0 0	0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	003000000	0 0 1 0 0 0 0 0 0 0	0000000001	0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	200000000000000000000000000000000000000	2000000000	2000000000	5 0 0 0 0 0 0 0 0	200000000	200000000	200000000000000000000000000000000000000	3 0 0 0 0 0 1 0 0 0	5 0 0 3 0 2 0	2 0 0 1 2 0 7 1 0 0 0	0 0 7 1 1 2 0 0 0	1 0 0 3 1 2 0 0 0	1 0 0 0 1 0 0	0000000000	000000000000000000000000000000000000000	000000000	0000000000	0000000000	000000000	0 0 0 0 0 0 1 0 0	000000000	0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000	1 0 0 1 0 0 0 0 0 0 0
MEAN	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PO	PLLUTA	INT -	SULP	HUR D	OXID	1							UNITS	s - o	.01 P	ARTS/	MILLIO	N						
	S	TATION	4 - NE	NO	77052	2	LOCKE	ERBY S	SUDBUR	Y AI	RSHED					MON	NTH -	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 0 0 1 1 0 0 0	000004000	0 0 0 0 1 0 0 0	0 0 0 0 0 1 0 0 0	000000000	0000010000	0000030000	000000000000000000000000000000000000000	0 0 0 0 0 2 0 0	0 0 0 0 0 1 0 0 1 1	0 0 0 0 1 0 0 0 1	0 1 0 0 0 1 0 0	0 0 0 1 0 0 1 4 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 1 1 0 4 3 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 7 1 0 2 1 1	0 0 1 0 3 1 0 3	0 0 1 0 1 2 0 0 0	0 0 1 0 0 1 0	0 0 0 0 1 1 0 0 1 0	0 1 0 0 1 0 0 1	0 1 0 0 1 1 0 0	0 0 1 1 0 1 1
11 12 13 14 15 16 17 18 :9	1 0 0 0 1 0 0	000000000000000000000000000000000000000	2 0 0 0 0 0 0 0	0 0 0 0 1 0 0	1 0 0 0 0 0 0 0 0	000000	000000	000000	0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	150		2 0 0 0 37 0 1 1 NVAL		0 0 0 0 0 3 2	0 0 0 0 1 1 1	0 0 0 0 0 1	0 0 0 0 0 1	0 0 0 0 0 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000000	00000	0 0 3 0
21 22 23 24 25 26 27 28 29 30	****	0000	0000	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0	0 1 0 3 0 0 0 0 0 0 0 0 0	02000	0 2 0 0 0 0 0 0 0 0 1	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 5 0 1 0 0 0 0	9 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0 2	0	0	0	0	0	0	0	0	0	0	

PERCENTAGE OF DATA VALID - 83.6 PERCENTAGE OF DATA INVALID - 14.8

PERCENTAGE OF DATA UNAVAILABLE - 1.6

- 2 "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77052 LOCKERBY 5	SUDBURY AIRSHED		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	18	0.6	2	13
FEB	29	0.7	9	203
MAR	25	1.1	8	40
APR	23	1.5	4	97
MAY	27	1.4	9	66
JUN	29	1.1	5	25
JUL	25	0.9	8	42
AUG	21	0.9	4	59
SEP	24	0.8	5	30
OCT	-31	0.3	2	12
NOV	30	0.5	4	32
DEC	24	0.4	3	37
YEAR	306	0.9	9	203

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77052	LOCKE	BY SUDBURY	AIRSHED			
MONTH OC	TO 04 05	TO 10 1	10 14 15	10 25 26	TO 39 40	SOVER	TOTAL
JAN	479	7	2	0	0	0	488
FEB	662	13	3	1	0	1	680
MAR	562	22	5	5	4	1	599
APR	532	9	3	7	3	5	559
MAY	613	21	6	4	5	4	653
JUN	653	27	2	9	0	0	691
JUL	582	10	3	4	1	ĭ	601
AUG	532	12	1	,	3	1	550
SEP	586	15	4	7	2	0	614
ост	696	14	•	o	o	0	711
NOV	699	14	٥	2	i	0	716
DEC	612	7	3	1	1	0	622
YEAR	7208	171	31	41	20	13	7484

FREQUENCY DISTRIBUTION BY PERCENTILES
PERCENT
OF DATA
VALID MIN 10 CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT
10 30 50 70 90 95 98 99 ARITH MEAN MAX 85.2 0 0.0 0.0 0.0 0.0 1.2 2.9 7.5 13.9 0.9 203

	STA	TION	· NE	NO 7	7065	F	ALCON	BRIDG	E ROA	D SU	DBURY					MOI	TH -	JUN	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9										æ		- DA - DA - DA - DA - DA - DA - DA	TA UNITA UNI	AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL AVAIL	ABLE ABLE ABLE ABLE ABLE ABLE ABLE ABLE										
11 12 13 14 15 16 17 18 19	0 0 1 3 0 0 0 0 0 0 0	0 0 1 3 0 0 0 0 0	0000100003	1 0 0 0 0 0 0 0 8	100004	300050003	41 0 0 0 2 0 0 7	10000100010000	0 0 0 0 15 0 0 2	0 1 1 0 5 0 0 0 1	0 2 1 1 0 0 0 1	0 1 1 1 2 0 1 0 29	0 0 1 1 1 4 44 1 0	0 0 1 2 0 8 21 1 33 39	0 0 3 0 47 35 1 38	0 0 19 0 1 8 1 18	0 0 1 1 1 1 1 0 17 38	0 0 0 2 0 1 0 8 34	0 0 1 2 2 0 6 0 2 2	0 0 2 5 5 0 8 0 1	0 0 1 3 0 0 1 0 2 0	0012000005	0 0 1 2 1 0 0 0 1	0 0 1 1 0 0 0 1 0	******* 2 1 2 1 4 5 0 5 9
21 22 23 24 25 26 27 28 29	0 1 1 1 1 0 0 0 6 8	1 2 1 0 0 0 0 29 12	0 1 1 1 0 0 0 0 0 9 2	0 1 1 1 0 0 0 0 2 2	0 2 1 1 0 1 0 0 2 0	1 3 1 2 0 11 0 0	1 0 2 3 1 6 4 0 0 0	4 0 2 0 1 2 4 0 0	11 0 5 1 1 0 0 0	4 0 7 1 6 2 3 0 1 0	3 0 2 0 9 15 6 0 1	10 0 1 0 4 7 7 1 0	10 0 3 0 6 3 5 4 0	41 0 15 0 3 1 1 5	17 0 41 1 0 1 0	13 0 19 0 2 0 0 0	14 0 38 0 10 0 0	13 0 32 0 2 0 0 0 8	12 0 44 0 0 0 0 1 12	4 0 4 0 0 0 1 1 6	1 0 2 0 0 0 0 0 0 1	2 0 2 0 0 0 0 0 1	3 0 1 1 0 0 2 0	1 0 1 1 0 0 1 0 6	7 0 10 1 2 2 2 2 1 4
MEAN	1	3	1	1	1	2	4	t	2	2	2	4	5	9	10	5	6	5	4	2	1	1	1	1	3.0

PERCENTAGE OF DATA VALID - 63 1 PERCENTAGE OF DATA INVALID - 1.9

PERCENTAGE OF DATA UNAVAILABLE - 35.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- *- " INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT		SULPH	UR DI	OXIDE	2						ı	JNITS	- 0.0	01 PA	RTS/M;	ILLIO	N						
	STA	NOIT	NE	NO	77065	5	FALCO	NBRIDO	GE RO	AD SUC	BURY					MON	тн - "	JUL	76						
HOUR DAY	Ī	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	****	000000000	** 000000000	000000000000000000000000000000000000000	*** 5000000000	000000000	000000000000000000000000000000000000000	****	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 7 11 0 0 2	0000800050	0 0 0 0 0 1 0 2 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 1 0 0 0 0	0 0 1 0 0 2 3 0 0 0	1 0 0 0 1 1 1 5 0 0 0	0000900000	0000000000	0 0 0 0 0 0 0	0000000000	000000000	000000000	******* 0 0 0 2 1 3 0 1 0
11 12 13 14 15 16 17 18 19	0 0 0 0 0 0 1	1 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	1 0 0 0 0 0 0	3000000040	0000100420	0000103000	0000000000	0000500000	0 0 0 17 0 0 0 3	0 0 0 17 0 0 0 19	00008000122	0 0 2 17 0 0 14 3	0 0 0 2 19 0 0 0	0 0 0 1 7 0 0 0 0	00004	0000000041	0000000050	000000000000000000000000000000000000000	000000110	0000000000	000000000	0000000000	0000000000	0000400050
21 22 23 24 25 26 27 28 29 30	0000000000	0 0 0 0 0 0 0 0 0 1	000000000	000000000	0000000000	0000000000	00000000000	000000000	000000000	0 0 0 0 0 0 4 0 0 0 3	0 0 1 0 0 3 0 0 0 3	0 0 0 0 0 1 0 0 0 7	0 0 0 0 1 3 0 0 0 1	0100000000	0000000000	0 0 0 0 17 0 0 0 8	0 0 1 0 2 2 0 0 0 0 0 0 0	0040600005	0 0 4 0 0 0 0 0 0 6	003000000	0 0 1 0 0 0 1	000000000	0 0 0 0 1 0 0 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 2 1 0 0 0
31 MEAN	0	0	0	0	0	0	0	0	1	0	o 2	0	1	0	0	0	3	0	0	0	0	0	0	0	0 0.7

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO	77065	F	ALCON	BRIDG	E RO	AD SU	DBURY					MON	TH - /	AUG	76						
HOUR DAY	Ì	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0043202022	0032200112	0 6 4 2 0 0 1 2	0 0 2 4 2 0 0 0	0 0 2 2 2 0 0 0 0 1 2	0003200012	0006200012	0003200042	0 0 1 1 2 0 0 0 4 1	1 0 5 3 0 0 2 65	00022006	0 2 8 1 0 2 10 16	0 1 4 2 0 21 20 0 31	0 13 3 2 0 24 14 0 18	0 0 6 2 2 0 16 14 1 5	0 3 4 1 0 2 5	1 2 8 5 1 0 7 12 8 43	0 2 18 2 1 0 45 13 7	0 3 2 2 1 0 17 1 4	0532200112	0 2 4 2 0 0 0 1 1 2	0 3 2 2 0 0 0 1 2 2	0 4 2 3 0 0 0 1 2 2	0 4 3 0 7 0 1 4	0 1 4 2 0 6 4 6 6
11 12 13 14 15 16 17 18 19	1 2 1 0 0 0 0 2 1 2	1 2 0 0 0 0 0 2 1 2	1 2 0 0 0 0 0 2 0 2	1 2 1 0 0 0 0 3 0 3	1 2 0 1 0 0 0 0 3 0 3	1 2 0 0 0 0 0 5 0 3	1 0 0 0 0 0 1 0 1	2 1 0 0 0 0 0 2 0 1	1 1 0 0 0 0	1 2 0 0 0	6 2 0 0 	5 2 0 1 1 16 3 97	2 1 0 1 1 7 4 6	1 2 4 2	2 5 0 1 1 2 4 2	2 5 0 1 0 1 2 4	5 0 5 0 1 2 3	3 1 0 0 0 0 1 2 3 2	3 1 0 0 0 0 1 2 3 4	3 2 0 0 0 0 2 2 3 3	3 1 0 0 0 0 2 1 3	3 1 0 0 0 1 1 1 2 5	3 1 0 0 0 1 2 2	3100002224	2 2 0 0 0 0
21 22 23 24 25 26 27 28 29 30	2 5 1 2 1 2 2 2 2 0 0	2 1 2 0 2 2 2 2 0 0	2 3 1 2 1 3 2 0 1	2 2 3 2 0 3 3 0 0	2 2 1 3 2 1 3 1 1 1	2012012201	2 1 1 3 3 0 1 1 0 1	5 3 1 4 0 2 2 0	3 1 2 4 1 1 3 0	5 2 1 1 2 3 1 1	9611222901	48 57 1 4 3 2 3 5 0 2	3 13 2 13 22 4 4 1 0	3 13 2 34 36 4 3 1 0	4 3 1 6 26 4 3 2 0 0	3 2 11 5 2 3 2 0	2 2 2 1 1 7 2 3 2 0 0	3 2 11 3 3 2 0	2 1 2 3 2 1 0 2	3352132102	2 2 2 2 1 5 3 2 0 1	2 7 3 2 3 2 1 0	7 1 33 3 1 2 2 1 1	7 2 4 2 3 2 1 1 0 2	5 6 3 5 6 2 2 2 2 0 1
31	5	1	1	1	1	1	1	2	1	2	1	10	1	2	1	2	2	1	1	1	1	1	1	1 2	1 2.8

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - 2. .. INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	UTANT	· s	ULPHI	N DIC	KIDE							1	JNITS	- 0.	O1 PA	RTS/M	ILLIO	N						
	STA	TION -	NE	NO 3	77065		FALCON	BRIDGE	ROA	D SUDBI	URY					MON	тн -	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	1 2 1 0 0 1 1	1 0 1 2 1 0 0 1	1 2 0 1 1 1 0	1 0 0 2 1 0 1 1	0 1 1 4 1 0 0	60000	0 0 1 5 0 0 0 0	1 0 1 1 0 0 0 2 1	1 6 1 1 0 0 0 1	1 15 1 1 0 1 0 2	26110122	1 2 0 0 1 3	2 1 2 1 0 1 9 3	0 2 3 1 1 1 16 9	1 2 2 1 0 3 15 2	10210192	1 1 2 1 0 2 3 2 0	1 2 2 1 0 1 1 0	0 0 2 0 1 1	1 2 1 0 1 1 1 1	0 0 0 0 2 2	0 0 1 1 0 1 2 1	00100111	1 0 1 1 1 1 1	1 2 1 2 0 1 3 2
9 10	ò	0	0	0	0	0	0	0	0	0	1	1	i	1	1	1	0	1	1	1	1	1	1	1	1
11 12 13 14 15 16 17 18	1 0 0 1 2 0 1 0	1 0 1 0 1 0 0 1 0 0 1 0	1 2 0 1 0 1 1 0 2 0	1 1 1 0 2 0 0 2 1	1 1 0 1 2 0 0 1 1	1 1 1 2	1 0 0 0 0 8 0	1 1 0 1 1 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0	1 1 2 3 0 1 1 0 2 0	1	0 1 3 10 0 1 13 0 1	0 41 2 2 0 1 62 0	162300.000	1712002110	0 17 1 1 11 22 2 1	1 9 1 0 8 13 2 1	1 1 7 4 1 1 0 1	0 1 1 0 1 1 1 2	0 1 1 0 3 0 2 2 1 2	1 0 2 1 14 1 1 0 4	2 1 4 0 4 0 1 1 2	1 0 1 0 0 0 1	1 1 0 1 0 0	1 1 1 1 0 0	1 4 1 2 2 3 4 0 2
21 22 23 24 25 26 27 28 29	1 0 0 0 0 0 0 1 4	1 1 0 0 0 0 0 0 0 1 6	10000005	1 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 2 0 1	0 0 0 1	0 0 0 0 0 1	4 0 0 0 0 0 1	2 1 1 1 0 0 0 0 0 0 0 0	201000120	1 1 0 0 0 0 0 1 30		2 0 0 18 19 10 1	10 0 0 10 0 0 2	0 0 0 4 0 0 0 2	0004	0 0 0 3 0 0 1	0 0 0 0 2 1 0 0 0	0 0 0 4 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 3 0 0 0 0 0 0 3	0 1 0 3 0 0 0 4	000000000000000000000000000000000000000	1 1 0 1 2 1 0 2
MEAN	1	1	1.	1	1	1	1	1	1	1	2	5	2	4	3	2	1	1	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	ATION	· NE	NO	77065	5	FALCO	NBRID	GE RO	AD SU	DBURY					MON	ITH -	DEC	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5	0 0 0 2	0 0 3	3 0 0 19	0 0 3 0	1 0 0 2	3 0 2 0	0 0 0		3 0 0 4 2	0 0 1	0 0 0 0	00000	0	0000	0 0	0 0 1	0 4	0 9	0 4	0 0 1		0	• • • •	0 1	1 0 1 2	
7 8 9	1 0 0	0 0 0	0000	0 0 0	0 0	0 0 0	0 0 1 0	0 0 0	0 1 0 1	0 0 0	0 0 1	0 0 1	0 2	0 3 2		0 15	0 7 2	0 2 0 1	0 0 1 0	0 0 1 0	5 0 1 0	4 0 0 1 0	0 0 1 0	0 0 1	0 2 1 0	
11 12 13 14 15 16 17 18 19	0 0 0 1 1 0 0 0	000000000000000000000000000000000000000	0 0 1 0 0 0 0	0 0 0 25 0 0 25	000500014	0 0 0 24 0 0 0	0008	0	0 0 8 0 0 0 0 0	1 0 6 0 0 0 0	1 0 13 1 0 0 0	0 1 0 19 1 8 2 0	0 1 0 2 0 8 5	1 0 2 0 0 0 2 0	7 0 9 0 0	0 19 0 4 0 0 0 2 0	0 6 0 8 0 2	0 3 2 31 0 0 2	0 1 0 17 0 0 2	000000000000000000000000000000000000000	0 0 0 0 3 0 0 0 2 0	0 1 0 1 0 0	3 0 1 0 1 0 0 1	3 0 5 0 1 0 0 0	2 0 8 0	
21 22 23 24 25 26 27 28 29 30	000000000000000000000000000000000000000	0000000000	000000000000000000000000000000000000000	0000100700	0000000000000	0	000000000000000000000000000000000000000	0 2 0 0 0	0 0 0 0 0 1 0 0	0 2 2 0 0 0 5 0	50000100	001000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 1 1 0		000000000000000000000000000000000000000	000000000000000000000000000000000000000	0010006000	000000000000000000000000000000000000000	0 0 0 0 0 11 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0000000000	0 1 0 1 0 2 3	
31	0	0	0	• • • •	••••		••••	••••	••••	••••	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

MEAN 0 1 1 1 2 1 1 1 1 1 1 1 1 1 2 1 2 1 1 1 1 0 1 1.0

PERCENTAGE OF DATA VALID - 89.1 PERCENTAGE OF DATA INVALID - 10.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION	NIE.	NICS	77065

FALCONBRIDGE ROAD SUDBURY

JAN DATA UNAVAILABLE FEB DATA UNAVAILABLE MAR DATA UNAVAILABLE APR DATA UNAVAILABLE	
MAR DATA UNAVAILABLE	
APR DATA UNAVAILABLE	
MAY DATA UNAVAILABLE	
JUN 18 3.0 10 47	
JUL 30 0.7 5 30	
AUG 30 2.8 10 97	
SEP 28 1.4 4 62	
OCT 25 0.9 8 96	
NOV 21 0.4 2 13	
DEC 27 1.0 8 31	
YEAR 179 1.4 10 97	

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77065 FALCONBRIDGE ROAD SUDBURY

MONTH OO TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL DATA UNAVAILABLE NAU DATA UNAVAILABLE FEB DATA UNAVAILABLE MAR APR DATA UNAVAILABLE DATA UNAVAILABLE MAY 35 9 10 10 6 384 454 4 JUL 701 16 1.1 2 0 734 AUG 46 12 11 5 7 646 727 6 7 644 21 2 681 SEP 1 OCT 617 13 3 2 643 1 0 Q NOV 545 10 0 556 626 24 4 1 DEC 8 0 663

40

51

FREQUENCY DISTRIBUTION BY PERCENTILES

4163

165

YEAR

PERCENT					CONCEN	TRATIONS					
OF DATA				FREQUENCY	DISTR	IBUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
86.8	0	0.0	0.0	0.0	0.3	2.5	5.6	14.1	21.1	97	1.4

22

17

4458

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION .	NE.	NO 7	7066	T	EMAGAI	MI SU	DBURY	AIRS	HED					MONT	TH - N	YAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9												- DATI	A UNA A UNA A UNA A UNA A UNA A UNA	VAILA VAILA VAILA VAILA VAILA VAILA VAILA	BLE -										
11 12 13 14 15 16 17 18 19		-						_		*		- DATA	A UNA A UNA A UNA A UNA A UNA A UNA	VAILA VAILA VAILA VAILA VAILA VAILA	BLE BLE BLE BLE BLE BLE BLE		1	0	0	0	0	0	0	0	*****
21 22 23 24 25 26 27 28 29	000000001	000000001	0 0 0 0 0 0	000000000	0 •	00010000	0 0 0 0 0 1 0 1	0 0 0 1 0 0 1	0 0 0 0 1 0 1	0000100000	0 0 0 0 1 0 0 4 0 1	0 0 0 1 0 0 14 1 1	0 0 1 0 2 0 0 2 1 1	0 0 0 0 2 1 0 1 1 1	0 0 0 0 1 0 0 1 1 1	000000000000000000000000000000000000000	00000000	00000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 3 1	0 0 0 0 1 0 0 0 2 1	0 0 0 1 1 0 0 2 1	0 0 0 0 1 0 0 0 2 1	0 0 0 0 0 1 1	0 0 0 1 1 1 1
31	1	1	1	1	ī	1	1	1	1	1	2	2	2	1	1	0	0	0	0	0	0	0	0	0	1
MEAN	0	٥	0	0	0	٥	0	0	0	0	1	2	1	1	0	٥	0	٥	0	٥	0	0	٥	0	0.4

PERCENTAGE OF DATA VALID - 37.1

PERCENTAGE OF DATA INVALID . 0.1

PERCENTAGE OF DATA UNAVAILABLE - 62.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION NE NO 77066 TEMAGAMI SUDBURY AIRSHED MONTH - JUN HOUR 24 MEAN DAY 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 5 1 0 1 22 23 24 25 26 27 28 30 MEAN 0.7

PERCENTAGE OF DATA VALID - 95.7

PERCENTAGE OF DATA INVALID - 4.2

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- 2. . INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STA	TION -	NE	NO	77066		TEMAGAN	MI SL	DBURY	AIRS	SHED					MON.	тн - ,	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9 10	0 0 1 0 1 1 0 0 0	0 0 0 1 0 1 0 0 0 0	0 0 0 0 0 1 0 0 0	0000003100	0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0	0000000000	0 0 1 0 0 0 0 0	0 0 1 1 1 1 0 0 0	0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	000000000	0 0 0 0 1 0 1 0 2 0	0 0 0 0 1 0 2 1 0 0	0000000000	0000004000	0 0 0 0 1 3 0	0 0 0 0 1 1 0 0 0	0 0 0 0 0 1 0 0 0	1 1 1 0 0 0 0	0 1 1 0 0 0	0 0 1 0 0 0 0 0	0 0 0 0 0 1 0 0 0
11 12 13 14 15 16 17 18 19	0 1 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0	010000000	0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	000000000	000000000	0 1 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0	000000000	000000000	0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0	1 0 0 0 0 3 0 0 0 1 0	1 0 0 0 3 0 0 3 0	2001200050	2 0 0 1 1 0 0 0 7 0	2 0 0 1 1 0 0 0 4 1	200000000000000000000000000000000000000	2000100031	2000100031	200000000000000000000000000000000000000	2000000011	1 0 0 0 0 0 0	1 0 0 1 0 0 1
21 22 23 24 25 26 27 28 29	0 1 0 0 0 0 0 0 0 0	0100000000	010000000	0100000000	0 0 0 0 0 0 0 0	000000000	0000000000	0 0 0 1 1 0 0 0 0 0	0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0 0	000000000	0 1 0 0 0 1 0	0 0 2 1 0 0 0 0 0 0 0	0 2 0 0 0 0 0 0 0 3	0 0 2 0 0 0 0 0 0 2	000000000	1 0 2 1 0 0 0 0 0	1 0 3 2 0 0 0 0 0	102200000	1 0 3 2 0 1 0 0 0 0	2 0 4 3 0 1 0 0 0 0	2022010000	201200000	2 0 1 2 0 0 0 0 0	1 0 0 0 0 0 0 0 0
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
· · · · · · · · · · · · · · · · · · ·	-					0	9	9	3			U	J	U	U	1	1	1	0	1	1	0	0	0	0.3

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	PC	DLLUTAN	NT -	SULPH	UR DI	OXIDE								UNITS	S - 0.	.01 PA	RTS/W	MILLIC	N							
	SI	NOITAT	- NE	NO	77056		TEMAC	AMI S	UDBUR	Y AIF	RSHED					MON	тн -	AUG	76							
HOUR DAY	1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	0004000000	0 0 0 0 0 0 0 0	100000	0 0 0 0 0 0 1	00000000001	0000000000	0 0 0 0 0 0 1	0000000000	0 0 0 0 0 0 0 0	000000000	00060	00060.0000	0004000000	0 1 0 5 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 3 3 0 0 0 0 0	012000000	0000000	1 1 4 0 0 0 0 0 0	003000001	0 0 1 0 0 0 0 0 0 0	002000000	000000000000000000000000000000000000000	003000001	1	
11 12 13 14 15 16	0 0 0	0 0 0 0	0 0 0 1 0	3 0 0 0 0 0	0 0 0	00000	0000	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	3 0 0 0	0 0 0 0	0 0 0	0 0 0 0	0 2 0 0 0	0 7 0 0	0 6 0 0	0 3 0 0	0 0 0 0	0000	0000)
18 19 20	0	0 0	0	0	0 2	0	0	0 0	0 1	0	0	0	DATA **** O 1	3 0 2	.ID - 5 1 0	2 1 0	0 1 1	0 1 0	0 1 0	0 1 0	0	0	0	0	******)
21 22 23 24 25 26 27 28 29 30	0 1 5 0 1 2 0 0	0 1 4 0 0 6 0 0	0 1 4 0 0 5 0 0 0 0	0501010000	0 2 0 1 0 0 0 0 0 0	0000000000	0 1 0 0 0 0 0 0 0	0 1 2 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0	20000	0000000000	7 14 0 0 0 0 0 1 0 0 0	1 5 0 0 1 0 0 7 0	0 0 0 1 7 7 0 0	0 0 0 11 18 0 0	2 0 1 1 1 5 0 0 0 0	0 0 11 13 0 0 0	0006900000	0000000000	0000000000	1 0 0 0 0 0 0 0 0 0	300200000000000000000000000000000000000	0 3 0 4 0 0 0 0 0 0	1 1 1 2 3 1 0 0	
31	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	o	1	1	1	1	1	0	0	į
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	٥	0.5	Ĺ

PERCENTAGE OF DATA VALID - 92.6 PERCENTAGE OF DATA INVALID - 7.1

PERCENTAGE OF DATA UNAVAILABLE - 0.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION	· NE	NO	77066		TEMAGAMI	SU	JDBURY	AIR	SHED					MONT	гн - :	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 (EAN
1	0	0	0	0	0	0	0	0	0	0	٥	c	0	0	0	0	0	0	0	٥	0	0	0	٥	0
2	0	٥	0	0	0	0	0	0	0	0	O	ō	ō	ō	ō	ō	0	ō	ō	ŏ	ŏ	ŏ	ō	ŏ	ŏ
3	٥	0	0	0	0	0	0	0	ō	ō	Ď	ō	ō	ō	ŏ	1	1	ī	õ	ŏ	ŏ	ŏ	ĭ	ĭ	ŏ
4	1	1	2	4	1	0	0	0	ŏ	õ	õ	ŏ	ŏ	ō	ŏ	ò	Ó	ò	ő	ŏ	ŏ	ŏ	ò	ò	ŏ
5	0	0	ō	0	0	0	0	ō	ŏ	ō	ñ	ŏ	ŏ	o	ő	ŏ	ŏ	ŏ	••••		ž	ŏ	ő	ŏ	ŏ
6	ō	ō	ō	0	ō	0	ō	ō	ŏ			ŏ	ŏ	ĭ	1	•	ĭ	2	2	2	٠	ĭ	ĭ	ĭ	٠
7	ō	-	ō	ō	ō	0	ō	õ	ĭ	ŏ	0	ŏ	ŏ	ò	ò	ò	ò	ō	ő	ō	ò	ò	ò	ò	ċ
8	ŏ	0	ŏ	ŏ	ō	ō	ō	ŏ	ò	ŏ	ŏ	ŏ	ĭ	1	Ÿ	ŏ	•	٠	1	ő	Ö	ő	ŏ	ŏ	
9	00	ŏ	ŏ	ō	ō	ō	ŏ	ŏ		• • •	ő	ŏ	ò	ò	ò	ŏ	ò	ò							0
10	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	0	0	ŏ	ő	ŏ	ŏ		ŏ	ŏ		0	0	0	0	0	0	0
10	U	•	٠	•	·	٠	U	•	U	U	U	U	U	U	0	U	U	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	ō	o	0	ō	0	0	ō	ŏ	ī	3	4	ŏ	ő	ŏ	ŏ	ŏ	ŏ
13	0	0	0	0	0	0	٥	0	ĭ	0	0	1	5	ō	ŏ	ŏ	Ó	ŏ	ō	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
14	ō	0	ō	0	0	0	0	ō	1	2	0	0	2	ŏ	ŏ	ŏ	1	ŏ	ŏ	ŏ	ő	ŏ	ő	ŏ	ŏ
15				*						-		-	ō	ŏ	o	ō	ò	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	2	*****
16	2	0	0	0	0	0	0	0	0 .			٥	ŏ	ŏ	ŏ	ŏ	ŏ	ő	ő	٠	ŏ	1	ő	ō	
17	ō	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	0	0	ŏ	ŏ	ŏ	1	ĭ	ŏ	ŏ	ő	ò	0	ò	ő	ő	0
18	ŏ	ŏ	ŏ	ŏ	ŏ	õ	ŏ	ŏ	ŏ	ō	ŏ	ŏ	ŏ	ŏ	ò	ò	·	ő	·		Ü		Ÿ	ĭ	0
19	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ő	ŏ	ő	ŏ	ŏ	Ö	ŏ	ò	ő	1	1	1	1	1		0
20	ŏ	ŏ	o	õ	ŏ	ă	ŏ	ŏ	ő	ŏ	ŏ	ŏ	ŏ	ŏ	Ö	ŏ	ő	0	0	0	ō	o	0	0	0
20	•	U			·	٠	·	•	U			U	•	0	U	U	U	U	3	5	3	4	3	3	1
21	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0
22	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	ŏ
23	0	1	0	0	0	0	0	O	C	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	o	ō	ŏ	ō	ŏ	ŏ	ŏ
25	0	0	0	0	С	0	0	0	0	C	0	0	0	0	0	0	0	0	0	ō	ŏ	0	0	ō	ŏ
26	0	0	0	0	O	0	0	0	C	0	0	0	0	0	1	2	1	1	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
27 28	0	0	0	0	2	3	0	2	3	3	1	0	0	0	ò	ō	٥	0	ő	ŏ	ŏ	ŏ	ŏ	ŏ	1
28	0	0	ō	0	c	0	0	ō	ō	0	0	ō	ō	6	3	4	8	5	4	4	1	ĭ	ŏ	ŏ	,
29	. 3	ō	2	1	ō	o	C	ō	Ö	ō	ō	ō	ō	ŏ	ŏ	o	ŏ	ŏ	ō	ō	ò	ò	ŏ	ŏ	á
30	٥	ō	ō	Ó	ō	o	ō	ō	ŏ	ō	ō	o	ō	ŏ	ŏ	ĭ	1	1	1	ŏ	ŏ	ŏ	ŏ	ŏ	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	٥	٥	0	0	0	1	1	1	٥	٥	٥	o	0	0.2

PERCENTAGE OF DATA VALID - 97 5

PERCENTAGE OF DATA INVALID . 0.8

PERCENTAGE OF DATA UNAVAILABLE - 1.7

TES 1 ---- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DICKIDE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

STATION NO 77066 TEMAGAMI SUDBURY AIRSHED MONTH - OCT · NE HOUR 24 MEAN -000000000 O 13 14 15 16 17 18 19 22 23 24 25 26 27 28 29 30 DATA DATA DATA UNAVAILABLE UNAVAILABLE UNAVAILABLE UNAVAILABLE DATA UNAVAILABLE

PERCENTAGE OF DATA VALID - 81.9

MEAN

PERCENTAGE OF DATA INVALID - 0.0

PERCENTAGE OF DATA UNAVAILABLE - 18.1

0 0 0 0

0.1

NOTES 1 ----- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION -	NE	NO	77066	TEMAGAMI	SUDBURY	AIRSHED
-----------	----	----	-------	----------	---------	---------

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
NAU		DATA UNAV	AILABLE	
FEB		DATA UNAV	AILABLE	
MAR		DATA UNAV	AILABLE	
APR		DATA UNAV	AILABLE	
MAY	11	0.4	1	14
JUN	28	0.7	5	26
JUL	31	0.3	1	7
AUG	28	0.5	3	18
SEP	29	0.2	2	8
OCT	25	0.1	1	5
YEAR	152	0.4	5	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

3705

STATION - NE NO 77066 TEMAGAMI SU	DBURY AIRS	SHED
-----------------------------------	------------	------

MONT	н о	7 (0	04	05	то	10	11	TO	14	15	ТО	25	26	то	39	40	&OVER	TOTAL
JAN					DAT	A	JNAVA	IL	BLI	E									
FE8					DAT	A	JNAVA	ILL	ABL	1									
MAR					DAT	Δl	JNAVA	IL	BLE	1									
APR					DAT	Αl	ΙΝΔΥΙ	IL	BLE	Ē									
MAY			2	75			0			1			0			0		0	276
JUN			6	58			25			3			2			1		0	689
JUL			7	38			2			0			٥			٥		0	740
AUG			6	65			17			4			3			o		0	689
SEP			6	97			5			0			0			O		o	702
CÇT			6	07			2			0			0			О		0	609

FREQUENCY DISTRIBUTION BY PERCENTILES

YEAR 3640 51 8

PERCENT OF DATA				FREQUENCY		TRATIONS					
VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83.9	0	0.0	0.0	0.0	0.0	0.6	1.6	3.7	6.1	26	0.4

UNITS . O.O1 PARTS/MILLION

	STA	TION	- NE	NO	77067		CHINIG	UCHI	SUDB	URY A	IRSHE	D				MOI	HTH -	MAY	76						
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1														AVAIL											
2														AVAIL											
3														AVAIL											
4														AVAIL											
5														AVAIL											
9														AVAIL											
														AVAIL											
ě														AVAIL		_									
8 9 10														AVAIL											
1.1																									
12												- 04	TA UN	AVAIL	ABLE	•									
13			-	-		-	-	-				- 04		MVAIL	ADLE 1	· 2	2	2				10		2	
14	5	5	a	8	4	2	2	2	3	•	5	2	2	ż	2		- 1	-	6	10 2 2 2	6	10 2 2 6	~	3	
15		2	2			2	2	5	3	2	5	2	2	2	2	5	2		2		- 4	~	2	2	3
16	2 2 2	5 2 2 2	8 2 2 2	1 2	2	2 2 1	2	2 2	2 2	9 2 2	2	2	2	2	2	2 2	2	2 2	2 2 2	5	2 2 4 2	É	2	2 2 2	3 2 2 1
17	2	2	2	1		1	1	1	- 7	1	1	- 7	ī	- 7	ī	ī	- 7	7	1	1	3	1	- 1	1	1
18	1	1	1	1	2	1	1	1	1	1	1	1	1	1	- 1	1	1	- 1		i	ō	•	•	i	i
19	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	- 1	- 1	ĭ	•	1	- 1	i
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	i
21	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	- 1	1	1	i	1	1	1	i	i
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	٥	0	1	1	1	1	1	0	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
25 26 27	1	0	0	0	0	٥	2	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
26	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	2	3	1	1	1	0	1
27	1	1	1	- 1	1	1	1	1	1	1	3	1	1	1	1		1	2	1	1	1	0	1	1	1
28 29	1	1	1	1				4	2	2	3	3	2	3	3	9	9	3	2	9	23	9	8	6	4
30	5	3	3	2	2	3	3	1		2	••••		••••	3	4	3	2		5		4		3	2	3
			_	_		_	_																		
31													DATA	INVAL	10 .										
MEAN	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	3	3	3	2	2	1.7

PERCENTAGE OF DATA VALID - 54.2 PERCENTAGE OF DATA INVALID - 5.4

PERCENTAGE OF DATA UNAVAILABLE - 40.5

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

.. INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DICKIDE

UNITS - 0.01 PARTS/MILLION

	SI	TATION	. NE	NO	7706	7	CHIN	GUCHI	SUDE	BURY	AIRSHE	D				MON	тн - ,	JUN	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	0000000	0000000	0000000		••••	0 0 0 0 0 0 1	000000	0 0 0 1 0 1		000000000000000000000000000000000000000	0 0 0 0 1 0	000000	1000000	00000	0000000	0000000	0000000	0000000	20000000	00000	0 0 1 0 0	0000000	0 0 0 1 0 0 0 0	0000000	0 0 0 0 0 0 0 0 0
9 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	9	11	3	0	0	0	0	0	1 0
11 12 13 14 15 16 17 18 19	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0003010020	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0005010210	0002100620	0 1 2 0 0 1 4 0	0 0 0 2 1 0 0 0 7 0	0 0 0 3 1 0 0 0 7 0	0 2 2 2 0 0 0	0 5 1 3 0 0 0	0040500000	0042500000	0 5 0 6 0 0	0 0 6 1 5 0 0 0 0	0 8 1 0 0	0 0 5 0 6 0 0 1 0 0	0040703300	0 0 3 0 1 3 0 0	200100	13	0 3 0 0 0 0	000000000000000000000000000000000000000	23	0 4 2 2 0 0
21 22 23 24 25 26 27 28	0 1 0	0 1 0	1 0	1 0	1 0	1 0	1 0	1 0	0	000	0	:	DATA DATA DATA DATA	O 26 INVAI INVAI INVAI INVAI	LID - LID -	2 0 5	2 0 0	3 0 0		3 0	3 1		3 0	 0	0 5
29 30 MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	_	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 77.2 PERCENTAGE OF DATA INVALID - 22.8

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

*- INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	ST	ATION	- NE	NO	77067		CHINI	GUCHI	SUDB	URY A	IRSHE	ED.				MON	лтн -	JUL	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	00000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	0000000000	000000001	1 0 0 0 0 4 0 0 1	000000000000000000000000000000000000000	0 0 0 0 3 0 0 3	0 0 0 1 0 0 3 0 0 2	000000000000000000000000000000000000000	0 0 1 **** 0 0 0 0 0 7	0 0 0 0 0 0 3 13	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 **** 0 0 0 0 6	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 9	0 0 0 **** 0 0 0 0 7 6	0 0 0 0 **** 0 0 0 0 0 0	0000039	000000004	000000000	00000000	0 0 0 0 0 0 0 2 2	0 0 0 ****** 0 0 1 0 3 5
11 12 13 14 15 16 17 18 19	20000000000	300000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 1	0 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	000600000000000000000000000000000000000	0 0 0 0 0 0 0 0 0	0 0 6 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0000	000000000000000000000000000000000000000	00000	0 0 0 0 0 0 0	000000	00000	0000		0 0 0 0 0 0 0 0 0 0	0 0 2 0 0 0 0 0	000000000000000000000000000000000000000	0 1 14 0 0 ****	0 1 1 0 0 0 0 0 0 0 0	0 2 0 0 0 0 0 0 1	040000000000000000000000000000000000000	0 9 0 0 0 0 0	040000000000000000000000000000000000000	0 6 0 0 0 0 0 0 0	0 10 0 0 0 0	0300000000	1 0 0 0 0 0 0 0	00000000	0000000	000000000	0 2 1 0 0 0 0 0 0 0 0
31 MEAN	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.4

POLLUTANT - SULPHUR DIOXIDE

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 3.2

PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		mane.																							
	ST	ATION	· NE	NO	77067		CHINI	GUCHI	SUDE	URY A	IRSHED)				MONT	гн - д	4UG	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0000000000	0000000000	000000000000000000000000000000000000000	000000000	0 0 0 0 0 0 0 0 0 0	000000000	0 0 0 0 0 0 0 0	000000000	00000,0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000000	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	000000000	0000000000	0000000000	000000000	000000000	0000000000	0000000000	0000000000	0000000000	0000000000	000000000000000000000000000000000000000
11 12 13 14 15 16 17 18 19	040000113	0 3 0 0 0 0 1 1 1 2	1 3 0 0 0 0 1 1 2 2	1 2 0 0 0 0 1 0 2 2	1 1 0 0 0 0 0 0 0 0 0 3 2	000000032	000000000000000000000000000000000000000	100000000000000000000000000000000000000	000002422	010001632	0 0 0 0 0 10 3 2	200000152	4 0 0 0 0 0 1 2 3 3	0 0 0 0 0 0 1 2 5	0 0 0 0 0 1 1 2 13 3	12000001294	00000	4 0 0 0 1 1 3 6 3	11 0 0 0 0 1 1 5 3	20000111422	7 0 0 0 0 0 1 2 1 2	6 0 0 0 1 1 1 1 2	1 0 0 0 0 1 1 1 2 2	4 0 0 0 0 1 1 1 2 2	2 1 0 0 0 0 1 2 3 2
21 22 23 24 25 26 27 28 29 30	2 2 1 0 0 2 1 2	2 1 0 0 0	1 1 0 0 0	1 0 0 0 0 0 0 1 1 1 1 1	1 0 0 0	000	0 1 0 0	2 2 0 0 0 ***** 1 1 0	3 2 0 2 1 6	3 0 0 0 1 2	3 2 0 0 0 1 2 0	-	DATA	1 0 2 0 4 3 0 INVALIE) -	2 1 0 1 0 1 4 0	2 1 0 1 1 1 2 0	1 0 1 1 1	1 0 0 0 1 5 1	1 1 0 0 2 2 1 1	1 0 0 1 2 1 1 0	2 0 0 1 1 1 1 1 0	2 0 0 1 1 1 2 1	2 0 0 0 1 3 4	2 1 0 1 2 2 2 0
31 MEAN	*	1	1	0	0	0	0	0	1	1	1	1	DATA 1	INVALIC	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 88.6 PERCENTAGE OF DATA INVALID - 11.3

PERCENTAGE OF DATA UNAVAILABLE - 0.1

- "." INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	S 1	ATION	- NE	NO	77067		CHIN	I GUCH I	Supe	BURY A	RSHED					MONT	тн - s	EP	76						
HOUR BAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	••••			• • • •	• • • •		••••	••••			1	0	1	0	1	0	1	1	0	0	0	0	0	0	
2	0	0	0	0	0	0	٥	1	2	2	1	0	2	8	14	2	1	1	1	0	0	0	0	4	2
3	1	4	4	0	0	0	0	0	0	5	2	2	5	5	1	1	0	0	1	3	1	0	0	0	1
4	0	0	0	0	0	ő		0	1	0	ò	1	1	1	1 2	2	1	1	0	0	0	0	0	٠	,
6	1	1	1	1	1	2			1	1	1	ó	1	2	2	2	3	i	1	ŏ	ŏ	Ö	ŏ	i	ĭ
7	2	2	3	2	3	3	3	3	3	4	4	4	1	2	1	2	2	1	1	1	1	0	ō	1	2
8	1	1	0	1	1	1	2	4	0	1	2	6	11	7	4	4	2	3	2	3	2	3	2	1	3
9														AVAILA											
10												- DAT	A UN	AVAILA	BLE										
11												- DAT	A IIN	AVAILA	RIE										
12														AVAILA											
13												- DAT	A UN	AVAILA	BLE	-									
14														AVAILA											
15											-	- DAT		AVAILA	BLE	٠,								_	
16	:					:			-	0		1	1		1	- !	2	1	2	2	1	1	!	0	*****
17 18	2	0	0	1	1	1	1	- 1	2	0	1	1	ò	0	0	- 1	1	1	2	1	0	1	- 1	0	
19	ò		1	1	- 1	2			2	2	ż	2	ĭ	ő	0	i	ò	ò	1	ò	ő	;	- 1	ŏ	,
20	2	1	•	1	1	1	1		ī	ō	1	2	o	1	1	i	ō	ĭ	1	ŏ	1	i	ó	ŏ	i
21	0	0	0	0		0			1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0		0	1	ò	0	ò	0	0	0	0	0	0	1	0	0	0	0	1
23 24	0	0	- 1	ò	_	ó			0	0	1	0	ő	1	1	1	1	1	2	2	2	1	1	1	0
25	1	ő	ò	1		ŏ			ő	ŏ	1	1	ŏ	ò	- 1	ò	ò	i	1	ő	ő	- ;	i	ò	ċ
26	1	1	ŏ	i	1	0	0	0	0	0	0	1	2	4	4	4	4	3	2	1	ŏ	ò	0	ō	1
27	1	0	0	0		0			0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
28	1	1	0	0		0		_	0	1	2	1	1	2	2	1	1	1	1	1	0	0	0	0	1
29	0	0	1	0		0			1	0	1	1	0	1 8	. 1	17	11	1	1	0	0	0	0	0	1
30	1	0	0	0	0	O	O	Ü	1	0	1	1	U	В	16	1.7	1.1	26	39	5	2	2	1	1	6
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	1	0	1	0	0	1.1

PERCENTAGE OF DATA VALID - 74.0 PERCENTAGE OF DATA INVALID - 1.4

PERCENTAGE OF DATA UNAVAILABLE - 24.6

- NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - .. INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	- 5	ULPH	UR DI	OXIDE						24		UNITS	- 0.0	D1 PAR	RTS/MI	LLIO	N						
	STA	TION .	NE	NO	77067		CHINI	GUCHI	SUDB	URY A	IRSHE)				MON	гн - с	CT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	EAN
1 2 3 4 5 6 7 8 9	2 1 1 1 1 1 0 1 0	1 1 1 1 1 0 0 0 1 0 0	0 0 1 1 0 0 1 0	1 0 1 0 1 0 0 1 0	0 0 1 0 1 0 1 1 0 1 1	00001	1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0 0 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 1 0 6 2 1 0	5 1 18 2 1 1 2	16 1 4 7 6 0 1 0	10 1 0 1 6 0 1 1	2 1 0 3 2 1 1	2 0 0 3 1 0 0 1	4 0 0 7 1 0 0 1	10 1 0 3 1 0 0 0 0	4 0 1 1 1 0 1 0 0	2001	5 0 1 0 0 0 0	5 1 1 1 1 0 1 0 -	3 0 0 1 0 0 1 0 0	0 0 0 0	4 1 1 2 2 2 0 0
11 12 13 14 15 16 17 18 19												- DATA	4 UN	AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA	ABLE ABLE ABLE ABLE ABLE ABLE ABLE										
21 22 23 24 25 26 27 28 29 30												- DATA	4 UN	AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA AVAILA	ABLE ABLE ABLE ABLE ABLE ABLE ABLE ABLE										
31 MEAN	1	1	0	0	1	0	1	0	1	1	3	- DATA	4	3	1	1	2	2	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 26.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 72.6

- NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
 - *- INDICATES DATA IS UNAVAILABLE
 - 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77067 CHINIGUCHI SUDBURY AIRSHED

MONTH	NO OF DA	AYS AVERAGE CONCEN	T 24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA	UNAVAILABLE	
FEB		DATA	UNAVAILABLE	
MAR		DATA	UNAVAILABLE	
APR		DATA	UNAVAILABLE	
MAY	16	1.7	4	23
JUN	22	0.8	5	26
JUL	29	0.4	5	17
AUG	27	0.8	3	13
SEP	21	1.1	6	39
OCT	8	1.3	4	18
YEAR	123	0.9	6	39

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SULPHUR DIOXIDE

JUL

UNITS O O1 PARTS/MILLION

720

STATION - NE NO 77067 CHINIGUCHI SUDBURY AIRSHED

21

MONTH 00 TO 04 05 TO 10 11 TO 14 15 TO 25 26 TO 39 40 &OVER TOTAL JAN DATA UNAVAILABLE FEB DATA UNAVAILABLE MAR DATA UNAVAILABLE APR DATA UNAVAILABLE MAY 382 20 0 1 0 403 JUN 529 5 3 1 0 556

4

AUG 639 0 0 659 SEP 3 517 2 2 9 0 533 OCT 10 1 183 2 ٥ 0 196 YEAR 19 2944 92 9 0 3 3067

1

FREQUENCY DISTRIBUTION BY PERCENTILES

694

CONCENTRATIONS PERCENT FREQUENCY DISTRIBUTION. PERCENT ARITH MIN 10 30 VALID 50 70 90 98 MEAN 0 0.0 0.0 0.0 0.4 1.8 3.4 69.5 6.7 10.0 39 0.9

UNITS - 0.01 PARTS/MILLION

	STA	TION .	NE	NO	77075		KENNEDY	ST	NEW	SUDBURY	1					MON	TH	JAN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8												- DATA	UNA UNA UNA UNA UNA	VAILA VAILA VAILA VAILA VAILA	BLE BLE BLE BLE BLE BLE										
10 11 12 13 14 15 16 17 18 19					-	-				÷	0	- DATA	UNA UNA UNA UNA UNA UNA UNA	VAILA VAILA VAILA VAILA VAILA VAILA VAILA VAILA	BLE BLE BLE BLE BLE BLE BLE		1	•	,	ĭ			•	•	
21 22 23 24 25 26 27 28 29 30	1 1 1 2 4 1 2 0 4 2 2	0 1 1 1 4 1 3 1 6 2 2	0 1 1 1 3 0 4 1 1 4 1	1 1 0 3 1 3 1 4 1	1 1 1 4 2 4 1 3 2	1 1 3 7 2 0 3 3	4	0 1 1 0 1 2 6 1 2 3	0 1 1 0 1 - 5 0 2 3	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 1 0 0 1 0 . 2	1 1 0 0 0 1 1 0 2 3	0 1 0 0 0 3 7 1 2 3	1 1 8 0 1 5 5 1 2 2	1 1 8 0 2 2 6 2 1 2	1 0 0 32 0 3 4 2	1 0 31 0 4 2 2	1 0 14 0 2 2 3 2 2	1 1 0 7 2 2 3 1 3	1 1 0 1 3 3 2 3 1 2	1 1 4 1 3 2 3 2 2	1 10 1 4 1 4 2 2	1 1 1 4 0 3 1 2	1 1 4 2 2 1 4 1 2	1 1 1 5 2 3 3 2 2 2
MEAN	2	3 2	2	2	3 2	2	5 2	2	2	2 1	1	1	2	2	2	2 4	2 4	2 3	2	3 2	4 2	2 3	2	2	3 2.1

PERCENTAGE OF DATA VALID - 36.6 PERCENTAGE OF DATA INVALID - 0.3

PERCENTAGE OF DATA UNAVAILABLE - 63.2

NOTES 1. ***** .NDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- "- " INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

															9-7										
	STA	TION -	NE	NO	77075	1	KENNEDY	ST	NEW :	SUDBUR	RY.					MON	TH -	FEB	76						
HOUR Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1	2	2	2	2	3	2	2	2	2	2	2	2	2	•							- 4		-	-	
2	1	1	1	1	1	1	1	1	1	1	1	ō	7	ò						3	- 1	1	1	1	2
3	4	7	8	а	2	1	2	÷			•	Ÿ		Ÿ	1	3	1		0 2 3 =	3	1	1	2	9	1
4	2	2	ĭ	2	4	2	2	•	ó	- 3		ó	ò	1	1		- 1	3	2	1	1.	1	1	1	2
5	1	1	- 1	- 7	1	7	2	2	4	5	2	٠	2		2	2	2	1	1	2	1	1	1	1	3
6	197	- 1	,	ં	ò	ò	7	1	- 7	7	3		3	2 7	7	- 2	3	2	1	3	 .		3	1	2
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В	3	2	À	- 1		-	7	~	4	•	ń	0	ò	٠		1	- 1	0	0	0	1	1	1	2	1
9	ī	7	1	- 1	í		÷	·				٠	٠		0	(1.	- 1	1	1	0	0	1	1	1	1
10	2	2	ż	ં	2	2	ż	2	2	2	2	2	3	2	1	1	2	0	2	2	2	2	1	2	1
140.00	_	-	•	_	•	•	•	•	-	•	4	2	3	2	2	2	2	2	1	1	1	0	1	- 1	2
1.1	1	1	1	1	1	1	1	1	1	1	0	1	,	0	1	0	1	0	Ĩ	•		1	1	1	,
12	1	1	1	1	2	1	1	0	1	1	1	0	0	1	0	1	•	1	i	- 1	÷	i	•	•	4
13	4	8	8	10	2	1	1	1	1	0	0	0	0	1	0	1				ò	ì	i	i	ō	
14	1	1	1	1	0	1	1	1	1	1	1	2	6	3	2	1		1	1	ĭ		2	2	2	1
15	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	3	•	ż	2	2	2	<u>.</u>
16	2	2	2	2	2	2	2	3	2	1	3	5	2		1	1	1	- 7	7		5	5	5	4	.
17	3	13	1	- 1	1	0	0	0	1	0	0	1	٥	0	1	1	1	•	•		-		- 1	7	•
18	1	1	1	- 1	1	1	1	1	0	0	1	1	1	6	11	1	1	1	÷	- 4					<u>,</u>
19	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	o	0	ò	ò	'n		0	ò	ò	2
20	0	1	0	•	•		0	0	0	٥	4	0	0	0	1	1	ō	ŏ	ŏ	1	0	ŏ	ő	ŏ	0
21	0	0	0	0	í	1	2	2	3	3 •		7	1	0	0	0	0	0	0	0	0	0		٥	
22	0	0	•		•			0	0	0	0	0	0	ō	-		ō	ŏ	ŏ	ŏ	ŏ	ŏ	0	ŏ	4
23	0 •		0	1	1	1	1	0	1	1	1	1	4	2	2	2	ĩ	ĭ	1	1	1	•	1	3	Ÿ
24	6	8	3	4	5	5	3	4	5	5	8	3	1	1	ō	1	1	1	- 4	ò	i	ò	ò	2	,
25	0	1	0	0	0	0	1	1	1	1	0	1	1	1	1	1	Ÿ	1	4	5	3			٠	3
26		1	1	1	1	0	0	0	34	1	1	1	2	i	•	1	1	•	2	2	2		A05200 10	7	1
26 27 28	6	6	2	1	1	0	0	0	0	2	0	1	ō	ò	ó	ó	i	10	á	- 1	3	é	8 12	:	3
28	1	1	1	4	5	1	0	0	ō	ō	1	÷	7		-	·		10	•	- 1	3		12		3
29									-	-		- DAT	A UN	AVAILA	BLE -						-	-			*****
	_	_		100		0																			
MEAN	2	2	2	2	2	1	3	1	2	1	1	1	1	1	2	1	1	1	2	1	1	1	2	2	1.5
																									- 4.5

PERCENTAGE OF DATA VALID 90.5 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 7.3

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	TATION	· NE	NO	7707	5	KENN	EDY S	T NEW	SUDBU	RY					MON	TH -	MAR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 1 1 15 1 1 2 2 4	0 2 1 1 1 1 2 1 5	0 1 12 3 1 1 1 - 2 - 6	0 1 3 4 8 1 1 1 1 6	0 1 1 4 1 1 1 1 1 6	0 1 0 3 4 0 1 1 1 6	0 0 0 3 1 0 0 1 1 5	0 0 1 3 11 0 1 1 0 4	1 0 3 3 1 0 2 1 3	0 0 1 2 1 1 1 1 1 1	0 9 1 1 1 1 2 1 1 0 3	1 3 1 1 2 3 0 3 4 4	1 3 0 10 2 2 1 11 13 5	1 11 0 7 13 2 1 6 4 2	3 5 0 10 7 2 1 1 7 2	2 0 1 1 3 0 1 2 1 1	1 0 7 7 1 1 7	1 6 3 2 1 5	1 0 1 5 0 3 1 2 1	2 0 1 3 0 1 1 1 1 1 1	3 7 1 0 0 0 1 4	2 21 0 12 0 1 1 1 8 1	2 17 1 0 0 1 1 1	2 0 31 0 1 1 3	4 1 5 4
11 12 13 14 15 16 17 18 19 20	2 4 0 0 2 4 2 1 2 1	2 2 0 0 2 2 2 2 2 1	2 2 2 2 1	1 3 0 0 2 2 2 2 2 0	1 0 2 1 2 2 3	1 4 0 0 2 1 2 1 3 1	2 2 0 0 2 2 2 1 3 1	2 1 0 0 2 2 2 1 3 1	0	1 0 0 1 1 1 1 3	1 1 0 1 2 0 1 2 1	1 0 1 2 1 1 2 1	1 0 3 1 2 1 1 2 2	1 3 1 2 0 1 2 1	0 0 1	0 2 1 3 1 1 5 1	12 1 0 1 6 2 2 1 2	18 1 0 1 5 2 1 1 1	25 1 0 1 6 2 1 2	40 0 0 9 2 2 1 1	31 5 0 1 7 2 10 2 1	18 1 0 6 2 4 2 1 0	3 1 0 3 6 2 3 2 1 1	3 0 3 8 4 2 2 2 1 6	9 2 0 2 3 2 2 1 2 1
21 22 23 24 25 26 27 28 29 30	14 0 1 0 1 0 1 0 1	1 0 1 1 0 1 1	0 - 1 2 0 1 0 1 0	6 1 2 1 5 0 1 0 2 1	5 0 2 1 2 0 1 1 2 1	3 1 3 1 4 **** 2 1 2 ****	4 0 4 1 4 **** 1 1 2 1	6 0 4 1 6 0 1 1 2	2 1 4 1 1 1 1 1 2 1	13 1 1 1 1 1 1 1	0 2 5 1 1 1 1 1	0 4 4 1 0 1 1 1 1 1 1 1	0 15 1 1 1 1 1 1	0 22 6 1 1 0 1 2	0 9 1 1 1 1 - 2 1	0 1 1 3 1 1 1 1 1 1 1 1	0 1 1 2 2 1 1 27 1	0 1 0 2 3 1 1 32	0 0 1 1 4 1 1 5 5 1	0 1 1 1 1 1 1 - 3 1 1	0 1 1 2 1 1 4 1	0 1 0 1 2 **** 1 1 B 1	0 1 0 1 2 1 0 13	0 0 1 3 1 2 0 10	2 3 2 1 2 1 1 5
31 MEAN	2	1	2	2	2	2	2	2	1	1	0	2	3	1	1	1	1	1 3	1	1	1	1	1 2	1	2.3

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- ". " 'NDICATES DATA IS UNAVAILABLE
- 3. "...." INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

	STA	TION	NE	NO	77075		KENNE	DY ST	NEW	SUDBUR	Υ					MON	тн - ,	APR	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	2 1 1 0 **** 2 2 2	0 2 2 2 2 0	1 9 1 0 0 2 2 2 2 0	1 37 1 0 0 2 2 1 2	76	2 62 1 1 0 2 2 2 1	1 52 1 1 0 2 2 2 4	2 24 1 1 0 2 1 2 2	3 16 1 1 0 - 2 - 2	2 10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 7 1 0 2 2 1 6	2 3 1 1 2 2 2 2 2 17	6 2 1 1 10 2 2 2 5 8	10 1 1 10 2 2 2 1	3 - 0 1 7 2 2 2 1 7	1 0 8 2 2 2 2 1	1 0 6 2 2 2 0	1 1 0 6 2 2 2 0 0	1 1 0 10 2 2 2 1	2 1 1 0 7 2 2 2 1	2 1 1 0 2 2 2 2 2 0	1 1 0 - 2 2 2 1 0	1 1 0 - 2 2 2 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 15 1 1 3 2 2 2 2 3
11 12 13 14 15 16 17 18 19 20	0 0 2 3 1 2 1 1 0	0 1 6 4 3 1 3 1 1 1	0 0 1 2 1 1 1 0	0 0 2 2 2 0 0 1 1 0	0 0 1 1 2 0 0 1 1 0	0 0 1 1 0 0 1 1 0 0	0 0 2 2 1 4 2 1 1 1 0	0 1 0 2 9 2 1 1 2 0	0 1 0 1 2 1 0 1 7	0 0 1 2 1 1 0 1 7 1	0 0 1 2 1 1 0 1 4 0	0 0 1 1 2 1 0 1 27	1 5 1 1 3 1 0 1 22 0	0 10 0 1 6 0 1 1 35	0 2 0 2 0 5 1 25 21	0 2 0 2 1 1	0 8 4 2 1 1 1 1 3	0 9 6 2 1 1 1 4	0 0 3 2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 4 2 1 1 1 0 4	0 0 2 2 0 1 1 1 0 4	0 0 1 2 0 1 2 1 0 -	0 1 1 2 1 0 2 1 0 0	1 0 1 2 3 1 2 6 0	0 2 2 2 3 1 1 1 6 4
21 22 23 24 25 26 27 28 29 30	0 0 0 1 1 0 0 0 0 0	0 0 0 1 2 0 0 1	0 1 0 0 7 1 0 0 0	0 1 0 1 6 0 0 0	2 1 1 0 0 0	0 0 0 1 1 1 0 0 0 0	7 0 0 0 1 1 1 0 0 3	0 1 0 1 1 0 0 0	0 0 0 1 0 0 6	3 0 0 1 1 0 0 0 0 1	0 0 0 1 1 0 0 0 0 0	0 4 1 1 2 0 0 0	5 4 0 0 1 0 0 0 0 1	7 3 0 1 0 0 0	0 1 1 1 0 0 0	1 2 1 1 1 0 1 0 0 1	0 5 1 1 0 1 0 0	0 9 1 1 1 0 0 0 0 1	0 21 0 1 1 0 0 0 0	1 7 1 1 0 0 0	0 1 1 1 0 0 0 0 0 1	0 5 1 1 0 0 0 0	0 0 1 1 1 0 0 0	0 1 1 0 0 1 1	1 3 0 1 2 0 0 0
MEAN	1	1	1	2	3	3	3	2	2	1	2	3	3	4	3	2	2	2	2	1	i	1	1	1	2.0

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.1

- *- INDICATES DATA IS UNAVAILABLE
- 3. "****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	TATION	- NE	NO.	77075	5	KENNE	DY ST	NEW	SUDB	JRY					MO	HTH -	MAY	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	0	0	0	1	1	٥	0	0	2	
2	1	1	1	4		1	0	0	1	3	2	5	3	0		0	0	ō	ò	4	7	2	ŏ	-	:
3	1	1	1	0	1	0	1	0	1	ō	1	ŏ	1	ō		ŏ	1	ő	ő	- 3	ō	ō	·	·	
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7	5	11	12	ò	ĭ	ò	ō	00	-0	ŏ	1	0	ő	,	ò	ò	2	1	2		1	1	1	4	5
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9	ŏ	ò	ŏ	ŏ		ŏ	o	ŏ	****		ŏ	0	٠	ő				5	6	2	8	6	7	0	4
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11	1	1	1	2	1	1	1	1	1	0	1	-			- 2	4	0	1	1	1	1	0	1		
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19	0	0	0	0	0	0	0		^		ő		ŏ	0	0	ō	ŏ	0	0	0	0	0	0	0	*****
20	ŏ	ŏ	ö	ŏ	ő	ő	ŏ	0	0	0	ŏ	ő	0	0		0	0	0	0	0	0	0	0	0	0
20	U	Ü	U	·	U	U	U	U	U	·	U	U	U	U	1	0	U	0	1	0	0	0	2	0	0
21	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	****		****	****		3	2	1	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ó	ō	ō	ŏ	ō
24	0	0	0	0	0	0	0	0	0				0	0	0	0								0	
25	0	0	0	0	0	0	0	0	0	0	0	0	6	5			****					****			
26	****	****					****	****									****				0	0	٥	0	
27	٥	0	0	0	0	0	0	0					****							****					
28		****					****		0		1	1	0	0	0	0	0	1	1	0	•	1	0	0	
29	0	0	0	0	0	0	0	0	0	2	1	1	1	1	ĭ	ī	1	- 1	,	2	3		ĭ	ŏ	
30	0	0	0	0	0	0	1	1	2	11	4	2	1	1	ó	ò	1	,		- 1	0	ó	ò	ŏ	
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31	0	0	0	0	0	0	2	3	3	2	9	11	2	••••	26	2	1	2	1	0	0	٥	0	0	3
MEAN	1	1	1	1	1	1	1	3	2	2	2	1	1	2	3	2	1	1	1	1	1	1	1	,	1.3

PERCENTAGE OF DATA VALID - 84.5

PERCENTAGE OF DATA INVALID - 14.9

PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "." INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POL	LUTANT	٠ 5	ULPH	UR DIO	XIDE								UNITS	s · o.	01 PA	RTS/M	LLION	N						
	STA	TION -	NE	NO	77075		KENNE	DV ST	NEW	SUDBL	IRY					MON	π	JUN	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 1 2 3 1 2 4 1	1 1 1 4 1 2 1 2 4 2	2 1 2 3 1 8 1 2 4 1	3 1 1 2 2 9 1 2 4	2 1 1 2 2 1 8 4 1	2 1 1 4 2 2 1 7 7 2	2 1 3 2 2 1 2 15 1	1 14 1 1 2 2 0 1 24 2	1 52 1 1 4 4 4 4 4 7 7	1 19 1 1 9 4 **** 3 2	1 2 78 3 2 6 1	1 1 2 2 12 2 2 4 2 28	1 1 2 23 2 1 3 1 30	1 2 1 2 50 2 9 4 1	1 2 1 1 29 2 14 7 1 8	0 1 2 1 14 2 15 8 17 3	1 2 16 2 11 5 65 3	1 1 2 5 2 5 7 20 4	1 1 2 2 4 2 5 4 6	1 2 1 2 4 2 6 5 3 7	2 1 2 1 3 2 4 5 2 5	1 2 1 3 1 2 5 1 5	2 2 1 1 6 1 1 4 2 1	1 2 1 3 3 1 2 5 2 2	1 5 1 2 12 3 4 4 8 8
11 12 13 14 15 16 17 18 19	4 1 1 2 4 2 0 1 3 2	6 1 1 1 1 1 0 2 0 1 2 5	9 1 1 4 1 0 •	7 1 1 1 0 2 2	0 1 0 5 1 2 8	3 1 1 0 5 1 1 3	1 1 1 3 9	2 0 1 1 0 3	3	1 0 1 0 5 2 3 4	1 1 2 3	1 1 2 2 5 2 2 64	1 0 1 1 4 19 1 2 22	1 1 0 3 3 70 3 55	0 1 1 2 31 17 1 65	1 1 14 2 5 5 2 61 40	2 20 11	1 1 1 4 0 0 2 11 12	1 1 3 4 0 4 2 6	1 0 2 2 6 4 2 5 4	2 2 2 2 2 2 2 3 3	1 0 1 2 2 0 2 1	1 1 1 3 3 1 7	1 0 1 2 1 1 3 2 3	3 1 1 2 2 4 2
21 22 23 24 25 26 27 28 29	2 1 0 2 0 1 0 1 1 9	2 2 0 2 0 1 0 1 3 7	2 2 0 2 0 1 0 1 1 4	2 2 0 2 0 1 0 1 0 2	2 2 0 2 0 2 0 1 0 2	3 0 2 0 4 0 0 0 1	2 2 0 1 - 6 0 0 0 1	1 2 5 2 2 1 3 1 0	2 3 2 2 - 6 4 0 0 1	4 2 6 3 1 20 0 0	2 4 0 5 13 7 1	3 1 6 6 3 0 0	30 2 3 1 **** 11 2 14 0	1 39 1 2 11 1 8 0	25 2 1 3 1	20 0 22 1 4 1 1 0	19 1 53 1 9 1 1 0	18 0 22 1 7 1 0 0	14 0 7 1 1 1 1 2 8 0	13 0 3 0 1 1 2 2 2 4	7 1 1 1 1 2 0 7 1	5 0 0 1 1 1 2	3 0 0 1 1 0 3 1 1 4	2 0 0 0 1 1 1 0 1 1	8 1 8 1 2 3 2 2 1 3
MEAN	2	2	2	2	2	2	2	3	5	4	7	6	6	11	9	8	8	4	4	3	2	2	2	1	4.2

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 3.6

PERCENTAGE OF DATA UNAVAILABLE - 1.0

- 2. .. INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	STAT	ION -	NE	NO	77075		KENNEDY	ST	NEW	SUDBUR	Υ					MON	TH -	JUL	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0 0 8 0 0 0 0 0 1	0 0 0 7 0 0 0 0 1	0 0 0 7 0 0 0 0 1	0 0 0 0 0 0 1	N000000000	****	1 0 1 6 0 1 0 0 0 3	1 0 2 6 0 2 0 0 4	1 0 2 6 2 5 1 0 ***** 4	1 0 3 5 1 4 0 0 9 5	1 0 4 5 1 5 0 0 4 6	0 0 5 5 3 1 0 0 5 7	0 6 4 3 0 1 0 2 6	0 7 4 2 1 1 0 3	0 0 7 3 1 1 0 0 2	0 0 8 3 1 1 1 0 1 2	0 8 3 3 2 49 0	0 9 2 16 2 12 0 1	0 0 9 2 8 0 2 0 1 2	0 0 9 2 1 1 1 0 1 2	0 0 8 2 1 1 0 0 2 2	0 0 8 1 1 0 0	0 0 8 1 0 1 0 0 1 2	0080000-12	0 0 5 4 2 1 3 0 2 3
11 12 13 14 15 16 17 18 19	2 1 0 0 0 5 0 0	3 1 0 0 1 6 1 0	2 1 0 0 0 6 0 1 1	2 1 0 0 0 5 1 4 4 0	6 1 0 0 1 5 1 3 7 0	3 1 0 0 8 6 1 7 4 0	8 0 0 2 6 5 1 4 0	20.0.62230	2 0 0 0 8 1 3 6 1	2 0 0 0 0 1 1 1 4 3	2000	1 0 0 18 1 1 0 23	1 0 0 47 0 0 2 11 3	1 0 0 16 0 0 3 5	1 0 0 1 8 0 1 1 18 1	4 0 0 1 5 0 0 5 2	3 0 0 1 2 0 1 4 2	3 0 0 1 2 0 1 2	3 0 0 1 2	2001100400	2 0 0 1 2 0 0 1 0 0	2 0 0 0 3 1 0 0 0	2 0 0 1 3 0 1 0 0 0	1 0 0 1 5 1 0 1	3 0 0 0 6 2 1 2 4
21 22 23 24 25 26 27 28 29 30	0 0 0 2 1 0 1 1 0 5	0 0 0 2 1 0 1 1 0 1	0 0 3 2 1 0 0 0 1	0 0 1 2 1 0 0 0	0 0 1 2 1 0 0	**** 0 1 2 1 0 - 1 0 0	**** 0 1 2 1 0 - 1 0 2	0 1 1 1 1 0 8	1 0 - 1 1 1 1 1 0 0 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 **** 1 1 3 1 0 0 6	1 **** 1 1 1 1 0 10	1 1 3 2 1 3 1 0 0	1 1 1 1 1 1 0 0 0 0	1 1 2 1 0 0 0 2	1 0 2 1 32 1 0 0 0	1 0 4 1 26 1 1 0 0	1 0 6 1 13 1 1 0 0 9	1 0 7 1 1 1 1 0 0	1 0 5 1 1 2 1 0 0	1 0 3 1 1 2 1 0 1 3	1 0 4 1 0 1 1 0 2 2	1 0 3 2 0 1 1 0 2 2	1 0 2 1 1 1 0 0 5	1 0 3 1 4 1 1 0 0
31 MEAN	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
one-end						2	2	2	2	2	2	3	3	2	2	3	5	.3	2	1	1	4	14		

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLL	UTANT	- S	ULPHU	JR DIOX	IDE							,	UNITS	- 0.0	D1 PAR	RTS/M;	ILLION	N							
	STAT	ION -	NE	NO 7	7075	}	ENNEDY	ST	NEW	SUDBUR	Y					MON.	TH - J	AUG	76							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
8 9 10	0 0 7 3 0 0 0	0 0 7 2 0 0 0 0 1 1	0 0 8 1 0 0 1 0 1 1	0 0 3 1 0 0 1 0 2 1	O O O O O O O O O O O O O O O O O O O	0 0 5 1 0 0 1 0 1 0	0 0 1 3 0 0 1 0	0022001011	0 0 3 2 - 1 1 0 7 1	0 0 1 5 1 2 1 0 16	0 0 1 4 1 3 1 36 39 0	0 0 3 0 0 6 1 12 3	0 0 1 0 0 8 1 24	0 0 22 1 0 1 2 21 0 20	0 0 22 0 0 1 5 16 0 3	0 1 9 1 0 1 12 7 1	0 3 9 3 0 1 1 8	0 3 4 0 0 3 6 7	0 6 2 1 0 1 7 13 14	0 2 3 1 0 1 0 3 4 3	0 1 4 1 0 1 0 2 0 2	0 2 1 1 0 1 0 2 2 2	0 5 0 1 0 0 0 1 1 2	0 7 2 1 0 0 0 1 1 1 3		0 1 5 2 0 1 2 6 4 5
11 12 13 14 15 16 17 18 19	3 4 4 1 2 2 1 2 1	4 2 1 2 2 0 1 1 2	5 3 2 1 2 3 1 1 1	732220116	8 3 2 1 1 3	2 3 2 1 1 2 1 1 6	1 3 2 1 2 2 1 1 1	2 2 1 1 2 1 1 1	1 2 2 1 2 2 1	2 2 1 1 3 7 2 4	1 2 1 1 2 2 1 1 1 2 8	6 3 1 1 1 2 1 12 2 15	3 2 1 2 1 3 1 13 6	3 2 1 1 1 3 1 3 2 2	3611112232	4 2 1 1 2 1 2 2 3 2	3512102232	4 3 1 16 2 0 2 1 3	4 2 1 2 1 1 2 2 3	4 2 1 2 2 2 3 2 5 4	4 2 1 1 2 1 2 1 2 3	5 2 2 2 0 2 1 2 5	5 2 1 1 2 2 1 2 8	4 2 1 2 2 ***** 2 1 2 5		4 3 1 2 2 2 1 3 2 4
21 22 23 24 25 26 27 28 29 30	3900022200	2 2 1 1 0 1 2 2 0 0	2500122200	2 4 1 0 0 3 2 3 0 0	1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 *** 2 2 1 0 0	1 1 0 0 1 1 1 2 2 0 0 0	6 2 0 1 8 1 2 2 0	7 7 0 8 1 1 4 0	6 2 0 1 0 1 2 3 0 0	11 4 0 1 1 1 2 5 0	42 39 0 10 25 1 2 3 0	11 55 0 15 49 2 2 1	3 17 1 40 37 1 2 0	3 4 0 17 19 2 2 2 0	3 1 0 22 3 2 2 7 0	2 1 0 9 4 2 2 5 0 1	2 - 0 2 1 2 2 0 1	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 1 2 2 0 0 2	30000122003	2 0 0 1 1 2 2 0 0 0	4 0 1 2 2 3 1 0 2	4 1 0 0 1 2 2 0 0 3		5 7 0 6 7 2 2 2 0 1
31 MEAN	2	1	2	1 2	0	0	0	0	2	1	0 5	0 6	1 8	12 6	1	3	3	o 3	0	0	0	0	0	0		1

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.1

PERCENTAGE OF DATA UNAVAILABLE - 0.5

- 2. *-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

	ST	MOITA	- NE	NO	77075		KENNE	DY ST	NEW	SUDBUR	Y					MON	TH - 5	SEP	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4	0 1 1 3	0 1 1 3	0 1 1 2	0 0 1 5	0 0 1 9	0 0 1 3	0 1 1 4	0 1 1 2	0 14 1	0 19 1	1 2 2 1	2 1 2 1	2 2 2 1	1 2 2 1	1 7 3 1	1 2 3 1	1 3 3 1	2 2 3 1	1 1 3 1	1 1 3 1	1 1 3 1	1 1 3 1	1 3 1	1 1 3 1	1 3 2 2
5 6 7 8 9	1 1 0 2 1	1 1 1 2 1	1 1 1 2 1	1 1 1 2 1	1 1 1 1	1 1 1 1 1	1 0 1	1 2 0 1	1 2 1 2 0	1 1 4 2 0	1 6 4 2 0	1 7 7 3	1 18 2 2 2	9 27 3 2 0	1 28 11 2 3 0	1 2 13 3 3	1 6 8 3 2 0	1 4 2	1 3 2 1 0	1 3 3 1 1	1 1 3 1 0	1 2 1 0	1 1 2 1 0	1 1 2 1 0	3 5 2 2 0
11 12 13 14 15 16 17 18 19	0 0 1 2 0 1 0 1 1	0 0 1 1 6 0 0 3 1	0 0 1 1 1 18 0 0 5	0 0 0 1 0 3	0 0 0 1 0 2 0 0 0 2 2	0 0 0 1 0 2 0 0 7 1	0 0 1 2 0 1 0 1 1 1 1	0 0 1 1 1 0 1 1 2 0	0 0 2 2 0 1 1 1 4 1	0 0 2 6 0 1 1 1 2	0 3 9 0 3	0 4 3 3 1 1 21 1 2	0 19 3 2 1 1 12 1 2 0	0522142220	0 9 2 12 27 2 2 2 0	0 2 2 11 16 2 2 1	0 1 2 2 15 6 2 1	0 1 2 18 4 2 2 1	0 0 2 2 8 8 1 2	0 1 2 5 1 2 1 1	1 1 2 2 1 4 1 1	1 0 2 1 0 1 1 1 1 0	0 1 2 1 1 1 2 1 0	0 0 2 1 0 0 0 1 1 0	0 2 2 3 5 2 1 3
21 22 23 24 25 26 27 28 29	001000040	0 1 1 0 1 0 6	0 0 1 0 7 0	0 0 1 1 0 0 0 0 3 0	0 0 0 1 0 1 0 5	0 0 0 0 0 0 1 0	0 0 1 1 0 - 1 1 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 0 0 0 1 3 1	2 1 0 0 0 0 1 8 1 0	1 0 7 0 0 1 33 1	1 0 23 2 0 0 3 1	1 0 5 4 20 0 0	2 1 0 1 5 10 0 4 1	1 1 0 0 5 3 0 1 1 1	0 2 0 2 1	100032112211	0 0 0 3 1 1 1 0 1	0 0 0 3 3 0 1	0 1 0 0 2 1 0 0	0 2 0 1 1 1 0 1 0 1	0 3 1 1 0 1 0 3 0	020000400	1 0 2 1 2 0 3 2
MEAN	1	1	2	1	1	1	1	1	1	2	2	4	4	3	5	3	2	2	2	1	1	1	1	1	1.8

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

- 2. "-" INDICATES DATA IS UNAVAILABLE
- 3. " ... INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLI	LUTANT	- 5	ULPH	UR DIO	XIDE								ZTINU	- 0.0)1 PAF	RTS/M)	LLIO	N						
	STAT	TION -	NE	NO	77075		KENNEDY	ST	NEW	SUDBU	RY					MONT	гн - с	CT	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 1 1 1 2	0 1 2 1 1 1 1 2	0 1 1 1 2 1 1 1 1 2	0 1 1 1 2 2 1 1 1 1 2 2	0 1 0 1 1 2 1 1 1 2 2	0 1 0 1 1 2 1 1 1 2	0 1 0 1 1 2 1 1 1 2 2	0 1 1 1 2 1 1 1 2	0 1 6 0 2 1 1 1 1 2	0 2 43 1 3 1 4	96	1 9 12 1 3 1 1 2 2	2 3 1 1 3 1 1 2 2 2 2	2 2 13 1 3 1 1 2 2 2	3 2 17 1 3 1 16 2	2 2 1 3 1 1 5 3 2	2 2 5 1 3 1 1 2 2 1	2 2 1 1 3 1 1 1 1 2 2	2 2 1 1 3 1 1 3 2	2 2 1 1 3 1 1 3 2 1	2 1 1 1 3 1 1 2 2	2 1 1 2 1 1 2 2 1	2 1 1 2 0	1 1 1 2 1 1 1 2	1 2 9 1 2 1 1 3 2 2
11 12 13 14 15 16 17 18 19	1 0 0 0 1 - 1 1 1	0 1 0 0 1 - 1 0 1	0 2 0 0 0 1	0 2 3 0 0 1 1 1 1 1	5 0 0 1 1 0 1	0 0 0 1 1 1 1	1 2 0 0 0 1	0 2 0 0 2 1 . 1 0 1	1 2 0 5 1 -	0 0 1 1 0	0 0 2 1	1 0 0 1 -	0 0 5 1 - 6	1 0 1 3 - - 1	0 0 0 1 1 1 1	1 3 0 0 0 1 1 1 1 1 1	0 0 0 1	1 2 0 0 0 1 1	1 2 0 0 0 1 - 1	1 2 0 0	1 2 0 1 1 1 1 1	1 0 •••• 1 1 0 1	1 0 0 1 1 1 1 1 1 1 1	1 0 0 0 0 1 1 0 1	1 2 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 0 0 1 0 0 2 9	1 1 1 1 2 0 0 2 8 1	1 1 1 2 0 0 1 6 2	1 1 1 0 0 0 2 5	1 1 2 2 0 0 5 10	1 1 2 1 0 0 6 9 1	1 1 1 1 1 1 0 0 5 4 2	1 1 0 5 1 0 1 6 1 1	1 1 1 5 1 0 1 8	1 1 2 1 0 0 11 1	1 1 2 3 0	1 1 2 10 0 0 6 1	1 1 4 1 0 0 6 18	1 1 16 0 10 21	2 1 1 25 0 0 15 3	2 1 5 1 0 1 14 1	1 1 1 1 0 0 1 1 1 2 1	1 1 1 1 0 0 9 2 1	1 0 1 1 0 - 1 8 2	1 0 1 2 1 3 12 2	1 4 0 0 8 7 2	1 1 2 0 0 14 12 2	1 0 0 4 0 0 1 10 8	00.105652	1 1 2 3 0 2 7 5
31 MEAN	3 1	2	1	1	1 2	1	1	1	1 2	3 3	5 5	1 2	1	1	1	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1	1 1.9

PERCENTAGE OF DATA VALID - 92.1 PERCENTAGE OF DATA INVALID - 1.3

PERCENTAGE OF DATA UNAVAILABLE - 6.6

- "-" INDICATES DATA IS UNAVAILABLE
- 3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

UNITS - 0.01 PARTS/MILLION

UNITS - 0.01 PARTS/MILLION

	STA	TION	- NE	NO	77075	3	KENNEDY	ST	NEW	SUDBUR	₹Y					MON	тн - п	VOV	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 0 1 1 2 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 2 1 1 1 1 1 1	1 4 1 1 1 2 1 1 1 1	1 7 2 1 2 1 1 1	1 5 1 1 2 3 1 1 2 2	1 3 1 1 2 7 1 1 3 2	1 3 1 1 1 6 1 3 5	1 1 1 0 1 1 1 3 4	0 1 1 8 1 6 1 1 3 3	1 1 2 10 1 6 1 2 2 2	0 1 6 4 1 6 1 1 2	1 **** 1 6 1 5 1 1 2 2	0 1 1 1 1 1 1 2 2	1 2 2 1 1 1 1 2 2 2	1 1 5 2 1 1 1 2 2	1 3 9 1 1 1 2 2 2	1 1 7 1 2 1 1 2 1	0 1 13 1 1 1 1 2 2	0 1 5 1 0 1 1 1 2 1	0 1 3 1 1 1 1 1 2 1	0 2 1 1 1 1 1 1 1 3 1	0 5 1 1 1 1 1 2	0 1 2 1 1 1 1 2	1 2 3 2 1 2 1 1 2 2
11 12 13 14 15 16 17 18 19	1 0 0 1 1 1 4 0 2 2	1 1 9 1 1 5 0 1 2	1 2 2 10 1 1 2 0	2 2 1 7 1 2 2 1 5 2	2 1 2 2 2 2 0 1 2	2 2 1 1 2 2 1 1 2	2 2 2 2 2 1 1 2	2 1 1 2 6 2 1 0 2	2 1 1 5 2 1 1 2	2 1 1 2 4 6 2 0 1 2	2 1 1 18 3 - 1 1	2 1 1 9 2 2 1 2 2	2 1 1 1 3 2 2 1 2 2	2 1 1 1 1 12 2 1 2 2	2 1 3 3 1 16 2 0 2	2 1 7 2 1 9 2 2 1 2	1 10 2 2 4 1 3 2 2	1 1 6 1 2 13 1 0 2 2	1 10 1 9 14 1 0 2	1 1 3 1 2 11 1 0 2 2 2	1 1 1 1 9 2 0 1	2 1 2 1 2 3 0 2 2	2016222022	1 0 1 1 2 7 0 0 2 2	2 1 2 3 3 6 2 1 2 2
21 22 23 24 25 26 27 28 29	2 1 1 1 1 2 1 1 1	2 1 1 1 1 2 1 1 1 1	2 1 1 2 1 1 1 1 1	2 1 1 1 2 1 1 1	1 1 1 1 1 2 1 2	2 1 1 0 2 2 1 3 1	2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 3 1 2 1	2 1 1 4 1 3 1 2 1	1 1 3 5 1 4 1 2 5	1 1 7 3 1 4 1 1	2 1 1 2 1 1 1 1	2 1 1 2 1 2 1 1	1 1 1 2 1 2 2 1 1	1 1 1 1 1 2 1 2	1 1 1 1 3 1 1	1 1 1 2 1 1 1 5	1 1 1 2 1 2 1 4 1	1 1 3 1 2 1 1 1	2 1 6 1 2 1 1 1 1	1 1 3 1 2 1 1	2 1 1 2 1 1 1 1 1	1 1 1 2 1 1 1 2 2 1 1 1 2 2	2 1 1 1 2 1 1 1 1 1	2 1 1 2 1 1 2 1 1
MEAN	1	Ĭ	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	1	1	2	1	1.8

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.1

PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "**** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

POLLUTANT - SULPHUR DIOXIDE

3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	STA	TION	- NE	NO	77075	+	(ENNED	Y ST	NEW S	SUDBUR	Y					MON	гн -	DEC	76						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	1 1 2 1 0 2 1 1 2	7 1 0 2 1 0 2 1 1 2	7 1 9 2 1 0 1 1 1	9 0 10 2 1 0 2 1 1 2	3 1 1 2 0 0 1 1 1	4 1 1 0 2 1 1 2	5 1 1 1 3 1 1 2 2	3 1 1 1 2 1 1 2 2 2	2 0 2 1 6 2 1 1 1	1 0 2 1 3 1 1 2 1 2	1 2 1 0 1 1 2 2 2 2	0 1 1 0 2 1 2 2 2 2	0 1 1 0 2 1 3 2 2	0 0 1 0 1 4 4 7	0 0 1 1 1 4 8	1 0 1 0 2 1 4 4 2	1 0 1 1 0 2 1 3 3 3 4	1 0 1 1 0 2 1 2 2 2 2	0 5 1 0 2 1 1 1	0 6 1 0 8 1 1	0 0 3 1 0 13 1 1	1 0 1 1 0 8 1 1 2	1 1 0 1 0 3 1 1 2 1	1 1 1 0 3 1 1 2 2	3 0 2 1 1 3 1 2 2
11 12 13 14 15 16 17 18 19 20	2 8 2 **** 3 1 1 2 1 2	2 9 2 1 1 5 1 1 1 3	2 2 1 1 6 1 1 2	2 4 1 1 4 1 2 1 3	2 2 1 1 5 5 1 2 2 9	2 2 1 1 3 1 1 2 4	2 2 2 1 1 1 1 2 2 1	1 2 2 1 0 1 1 1 1	2 2 1 1 0 1 2 1 1 1	1 2 1 1 0 1 2 1 1 1	2 1 1 3 2 1 1 1	2 2 1 1 13 7 5	2 2 5 1 16 9 2 4	3 2 6 7 2 1 6	4 2 - 7 11 10 2 1 6	2 1 10 8 12 2 1 3	2 1 - 9 1 7 2	1 1 7 1 8 2	2 1 0 2 1 46 2 1 2	1 2 0 2 1 31 1 4	2 1 3 1 17 1 1 3 1	6 1 0 5 0 8 1 1 3	6115041121	4 1 5 1 2 1 1 2	2 2 1 3 3 8 1 2 2 2
21 22 23 24 25 26 27 28 29 30	1 1 2 1 2 3 1 1	1 1 2 1 2 3 2 1	1 0 3 1 4 2 2 3 2 1	1 1 1 7 2 2 7	1 2 1 1 5 2 2 9 1 1	1 1 7 2 2 8 2 1	1 1 1 5 2 2 7 2	1 1 0 2 2 2 4 2	1 1 2 3 5 2 2 3 2 1	1 2 6 2 3 2 1 7 2	1 2 6 2 2 2 2 7 1 1	0 2 3 2 3 2 2 5 2 1	0 2 1 2 5 2 6 2 1	1 2 1 2 2 2 3 9 1	1 2 1 2 2 2 5 5 1	1 2 1 2 2 2 4 5 1 1	1 1 2 2 2 2 5 1	0 1 2 2 2 2 2 2 3 1 1	0 1 2 1 2 2 2 1 0	0 1 1 2 1 2 6 2 1 0	0 1 1 2 2 1 11 2 1	0 1 1 2 1 1 12 1 1	0 1 2 1 2 8 2	0 1 1 2 1 1 4 2 1	1 1 2 2 3 2 4 5 1
31	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	٥	1	1	0	1	1	0	1
MEAN	2	2	2	2	2	2	2	1	2	2	2	2	3	3	3	3	2	2	3	3	2	2	2	1	2.1

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 0.7

PERCENTAGE OF DATA UNAVAILABLE - 1.9

- *- * INDICATES DATA IS UNAVAILABLE
- 3. "***** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1976

POLLUTANT - SULPHUR DIOXIDE

UNITS - 0.01 PARTS/MILLION

STATION - NE	NO 77075 KENNEDY	ST NEW SUDBURY		
MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	11	2.1	5	32
FEB	27	1.5	3	34
MAR	29	2.3	9	40
APR	30	2.0	15	76
MAY	24	1.3	5	65
JUN	29	4.2	12	78
JUL	31	1.8	6	49
AUG	31	2.7	7	55
SEP	29	1.8	5	33
OCT	29	1.9	9	96
NOV	30	1.8	6	18
DEC	31	2.1	8	46
YEAR	331	2.1	15	96

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1976

POLLUTANT - SU	LPHUF DI	UNITS - 0.01 PARTS/MILLION					
STATION - NE	NO 7707	5 KENNE	DY ST NEW	SUDBURY			
MONTH DO	TO 04	05 TO 10 1	1 10 14 1	5 TO 25	26 10 39	40 BOVER	TOTAL
JAN	254	15	1	О	2	0	272
FEB	594	32	3	0	1	0	630
MAR	622	45	12	9	5	1	694
APR	643	42	4	9	3	3	704
MAY	593	20	8	4	3	1	629
JUN	558	67	22	21	8	11	687
JUL	638	67	4	6	3	2	720
AUG	646	51	10	16	4	5	732
SEP	649	29	8	10	4	0	700
OCT	628	37	11	7	٥	2	685
NOV	668	41	5	2	0	0	716
DEC	651	64	6	2	1	1	725
YEAR	7144	510	94	86	34	26	7894

FREQUENCY DISTRIBUTION BY PERCENTILES
PERCENT
OF DATA
VALID MIN 10 CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT
50 70 90 95 ARITH MEAN 30 98 99 0.0 89.9 0 0.1 0.6 1.3 3.8 7.0 13.4 21.2 96 2.1

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9693600020196